DOCUMENT RESUME

ED 123 365 CE 007 050

| | |
|---|---|
| TITLE | Salaries of Engineering Technicians and Technologists, 1975. Detailed Industry Report. |
| INSTITUTION | Engineers Joint Council, New York, N.Y. Engineering Manpower Commission. |
| PUB DATE | Feb 76 |
| NOTE | 129p. |
| AVAILABLE FROM | Engineering Manpower Commission, Engineers Joint Council, 345 E. 47th St., New York, New York 10017 ($60.00; 10% discount on 10 or more copies) |
| EDRS PRICE | MF-$0.83 Plus Postage. HC Not Available from EDRS. |
| DESCRIPTORS | Educational Background; Educational Experience; Educational Status Comparison; Employment Experience; *Engineering Technicians; *Engineering Technology; Engineers; *National Surveys; *Occupational Surveys; Questionnaires; *Salaries; Statistical Data; Statistical Surveys; Tables (Data); Work Experience |

ABSTRACT

The survey is the fifth in a series covering the salaries of engineering technicians, conducted biennially since 1969. The format for salary presentations is maturity curves in which salary is plotted as a function of years of experience, accompanied by the data tables from which the curves were plotted. The survey covers three groups of personnel under the general category of engineering technicians: (1) graduates of two-year college-level programs leading to an associate degree in technology, (2) non-graduates qualified to perform the same kind of work on the basis of equivalent education and experiences, and (3) graduates of four-year bachelor of technology programs. The first two groups are distinguished between in some of the data tables. Bachelor of technology graduates are called "technologists" and are reported separately. The survey does not attempt to establish salary standards for any industry or employee group; the curves simply show what various sectors of employment were paying as of August 1975. A three-part questionnaire was used (facsimile appended) on which respondents indicated the number of individuals in appropriate boxes of a salary-versus-experience matrix, and the report is based on returns submitted by 630 different establishments employing 61,537 technicians. (Author/AJ)

**********
* Documents acquired by ERIC include many informal unpublished *
* materials not available from other sources. ERIC makes every effort *
* to obtain the best copy available. Nevertheless, items of marginal *
* reproducibility are often encountered and this affects the quality *
* of the microfiche and hardcopy reproductions ERIC makes available *
* via the ERIC Document Reproduction Service (EDRS). EDRS is not *
* responsible for the quality of the original document. Reproductions *
* supplied by EDRS are the best that can be made from the original. *
**********

ED123365

# SALARIES OF ENGINEERING TECHNICIANS AND TECHNOLOGISTS

## 1975

# DETAILED INDUSTRY REPORT

PERMISSION TO REPRODUCE THIS COPYRIGHTED MATERIAL BY MICROFICHE ONLY HAS BEEN GRANTED BY

Julie E. Gibbelehu

TO ERIC AND ORGANIZATIONS OPERATING UNDER AGREEMENTS WITH THE NATIONAL INSTITUTE OF EDUCATION. FURTHER REPRODUCTION OUTSIDE THE ERIC SYSTEM REQUIRES PERMISSION OF THE COPYRIGHT OWNER.

**ENGINEERING MANPOWER COMMISSION**
**of ENGINEERS JOINT COUNCIL**
345 East 47th Street, New York, N. Y. 10017

©Engineers Joint Council 1976

U S DEPARTMENT OF HEALTH, EDUCATION & WELFARE
NATIONAL INSTITUTE OF EDUCATION

THIS DOCUMENT HAS BEEN REPRODUCED EXACTLY AS RECEIVED FROM THE PERSON OR ORGANIZATION ORIGINATING IT. POINTS OF VIEW OR OPINIONS STATED DO NOT NECESSARILY REPRESENT OFFICIAL NATIONAL INSTITUTE OF EDUCATION POSITION OR POLICY

CE007050

February 1976



Price: $60.00

## ENGINEERS JOINT COUNCIL

Engineers Joint Council (founded in 1941 and incorporated in 1958) is a federation of engineering societies whose general objective is to advance the art and science of engineering in the public interest.

In furtherance of this general objective the Council shall:

a) Provide for regular and orderly communications among its member societies.

b) Act as an advisory and coordinating agency for member society activities, as mutually agreed.

c) Organize and conduct forums for the consideration of problems of expressed concern to member societies.

d) Identify needs and opportunities for service in the engineering community and inform the concerned engineering institutions.

e) Recommend appropriate programs of studies and research to engineering institutions and especially to member societies.

f) Undertake, in accordance with policies mutually agreed to, specific activities or projects that the member societies acting individually could not accomplish as well.

g) Represent the member societies when they deem such joint representation desirable.

## THE ENGINEERING MANPOWER COMMISSION

## OF ENGINEERS JOINT COUNCIL

The Engineering Manpower Commission was organized in 1950 as part of Engineers Joint Council, to serve as a focus for national technological manpower problems.

The Commission's program is carried out through the collection, analysis, and publication of significant data on engineering manpower, as well as the development of programs and policies designed to acquaint the public with the importance of engineering to the national welfare.

The Engineering Manpower Commission is charged with the following responsibility:

"To engage in studies and analyses of the supply, demand, and utilization of engineering and technical manpower; to make recommendations, conduct programs, and develop reports concerning these aspects of engineering and technical manpower; and to carry on such other programs in the field of manpower as may be authorized by the Board of Directors of EJC."

## EMC OFFICERS AND STAFF, 1975

Arthur F. Hartford.....Chairman

Arthur W. Gilmore.....Vice-Chairman

Edward T. Kirkpatrick.....Vice-Chairman

Richard C. Fremon.....Chairman, Surveys Committee

John D. Alden.....Executive Secretary

Adrianne Marshal.....Survey Assistant

## ACKNOWLEDGMENTS

This study was conducted by Adrianne Marshal and other members of the Engineering Manpower Commission staff under the direction of John D. Alden. The text of this report was typed by Jerry Dooley.

The computer program used for developing the salary curves was originally written by Richard C. Fremon of Bell Telephone Laboratories, who is chairman of the EMC Surveys Committee. Mr. Fremon also contributed general guidance and consultation at all stages of the survey.

We are particularly grateful to the salary administrators of the organizations listed in the Appendix, who provided the source data on which these curves are based. Without their cooperation we would be unable to conduct our biennial salary surveys.

## NOTE TO EMPLOYERS AND SALARY ADMINISTRATORS

The Engineering Manpower Commission is always interested in improving its survey coverage. If your company would like to participate in future surveys, please write to the Engineering Manpower Commission, 345 East 47th Street, New York, New York, 10017 and ask to be put on our surveys list. We welcome your comments and suggestions for improving our survey and salary reports.

John D. Alden
Executive Secretary
Engineering Manpower Commission

Table of Contents

Introduction.....7
Figure 1 - Median Salaries of Engineering Technicians 1966-1975.....8
Figure 2 - Median Salaries of Engineering Technicians and Technologists by Level of Education, 1975.....10
Arrangement of Employment Groups.....16
Distribution of Sample.....20
Definition of Regions
General Curves and Data Tables for Technicians
Weighted National Average.....22
All Respondents (Raw Data).....24
All Industry.....26
Definition of Regions.....29
All Industry by Region.....30
All Industry by Size of Employer.....38
All Manufacturing Industry.....44
All Mechanical Products.....46
Aerospace.....48
Machinery.....50
Metal Products.....52
Fabricated Metal Products.....54
Metals, Basic & Mining (All Technicians Combined) 57
Electrical & Electronic Products.....58
Electrical Equipment.....60
Electronic Equipment.....62
All Consumer Products.....64
Chemicals.....66
Petroleum Industry.....68
Paper (All Technicians Combined).....70
Miscellaneous Manufacturing (All Technicians Combined).....71
All Non-Manufacturing Industry.....72
Construction & Consultants.....74
Construction.....76
Engineering & Architectural Consultants.....78
Technical Services, Other.....80
Research & Development.....82
Industrial R&D.....84
R&D Laboratories.....86
Utilities.....88
Electric & Combined Utilities.....90
Electric Utilities.....92
Combined Electric & Gas Utilities.....94
Communications (All Technicians Combined).....96

Gas Utilities & Pipelines (All Technicians Combined).....97
Government
Federal Government. .....98
State Government.....100
Local Government.....102
Education.....104
Engineering Schools.....106
Technician Schools (All Technicians Combined)....108
Curves and Data Tables for Bachelor's Degree Technologists
Weighted National Average.....109
All Respondents (Raw Data).....110
All Industry.....111
All Manufacturing Industry (Raw Data).....112
All Mechanical Products (Raw Data).....112
Electrical & Electronic Products (Raw Data).....112
All Non-Manufacturing Industry (Raw Data).....113
Construction & Consulting (Raw Data).....113
Research & Development (Raw Data).....113
Utilities (Raw Data).....114
Government (Raw Data).....114
Education (Raw Data).....114
Appendix
Matrix Tables for All Respondents.....116
List of Participants.....117
Facsimile of Questionnaire.....122
Blank Charts.....126

SALARIES OF ENGINEERING TECHNICIANS AND TECHNOLOGISTS

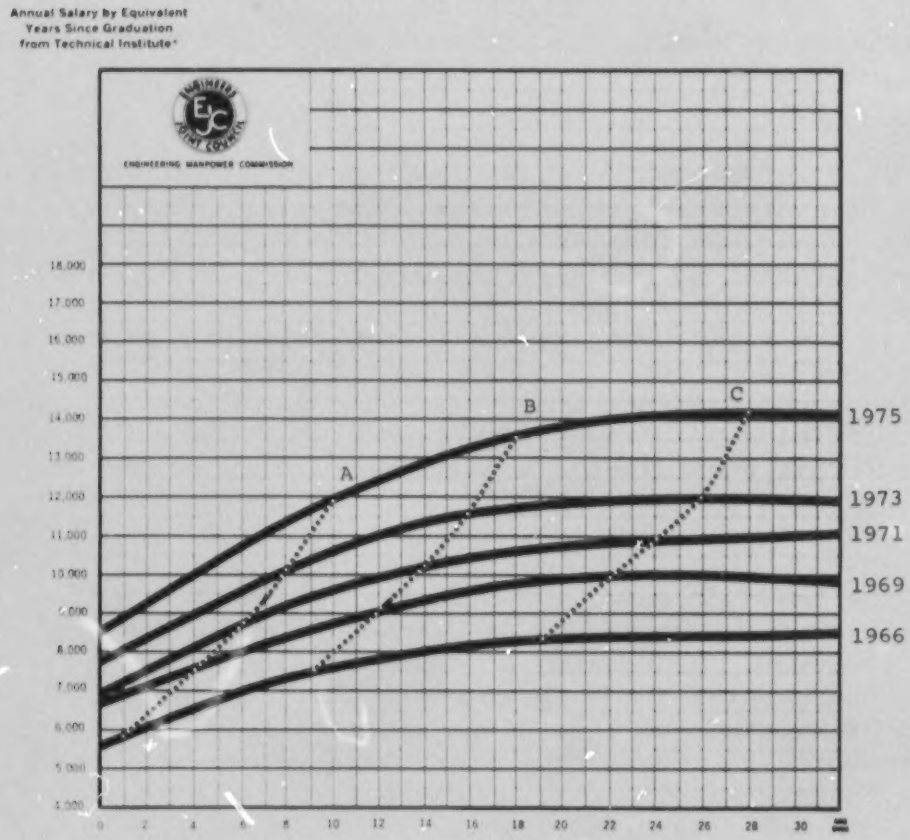
INTRODUCTION

This survey is the fifth in a series covering the salaries of engineering technicians. The first survey was conducted on an experimental basis in 1966 as a result of widespread interest in the way engineering technicians were being utilized in industry and other areas of employment. Because the Engineering Manpower Commission had previously established a pattern of surveying engineers' salaries biennially on the even-numbered years, it was decided to conduct the technicians' salary survey regularly in the intervening years. This necessitated a three-year interval between the 1966 and 1969 surveys. Since then technicians' salaries have been surveyed every two years.

The basic format for our salary presentations is maturity curves in which salary is plotted as a function of years of experience. The survey covers three groups of personnel under the general category of engineering technicians--graduates of two-year college level programs leading to an associate degree in technology, non-graduates qualified to perform the same kind of work on the basis of equivalent education and experience, and graduates of four-year bachelor of technology programs. In order to distinguish between these groups in the data tables, the term "technician" is used for the two-year graduates and their non-graduate counterparts, and the heading "All Technicians" refers to these two groups combined. Bachelor of technology graduates are called "technologists" and are not included in the "All Technicians" curves and data tables, but are reported separately in all cases. In the case of technical school graduates, experience is measured preferably as years since graduation with either the two-year associate degree or the four-year bachelor of technology degree, as appropriate. Non-graduates and some graduates have to be reported on the basis of age, as we have found that this is often the only variable for which data are readily available. Ideally, years of working experience would be preferable, but many employers have indicated their inability to report years of experience obtained by their technicians in previous jobs, or to determine accurately whether prior experience should or should not be counted toward employment as a technician. In order to compare experience as measured by age with that measured by years

FIGURE 1

Median Salaries of Associate Degree and Non-Graduate
Engineering Technicians
1966-1975




| | Years Since Graduation | | | | | | | Consumer Price |
|---|---|---|---|---|---|---|---|---|
| | 0 | 4 | 8 | 10 | 16 | 22 | 28 | Index |
| Median ($) 1975 | 8500 | 9950 | 11300 | 11900 | 13300 | 14000 | 14150 | 160.3* |
| % Increase 1973-75 | 10.4 | 11.8 | 12.4 | 13.3 | 15.2 | 17.2 | 17.9 | 20.4 |
| Median ($) 1973 | 7700 | 8900 | 10050 | 10500 | 11550 | 11950 | 12000 | 133.1 |
| % Increase 1971-73 | 11.6 | 7.9 | 8.1 | 8.2 | 9.9 | 9.6 | 9.1 | 9.7 |
| Median ($) 1971 | 6900 | 8250 | 9300 | 9700 | 10500 | 10900 | 11000 | 121.3 |
| % Increase 1969-71 | 2.2 | 8.6 | 12.6 | 10.9 | 9.4 | 9.0 | 10.0 | 10.5 |
| Median ($) 1969 | 6750 | 7600 | 8350 | 8750 | 9600 | 10000 | 10000 | 109.8 |
| Total % Increase 1969-75 | 25.9 | 30.9 | 35.3 | 36.0 | 38.5 | 40.0 | 41.5 | 46.0 |

*Average for first 10 months of 1975

Note: The 1966 curve is based on raw data and applies to technicians in industry only. See page 13 for explanation of curve smoothing routine used for computing salary data since 1969. Comparisons between curves should be made with caution because of variations in survey methodology and coverage over the years. Data for the 1966 survey were collected between December 1965 and January 1966. Data for the 1969 report were gathered in October and November 1969. Data for 1971, 1973, and 1975 were collected in July and August of those years.

since graduation, we have assumed age 20 as equivalent to graduation from a two-year associate degree curriculum, and 22 as the equivalent age for bachelor's degree graduates.

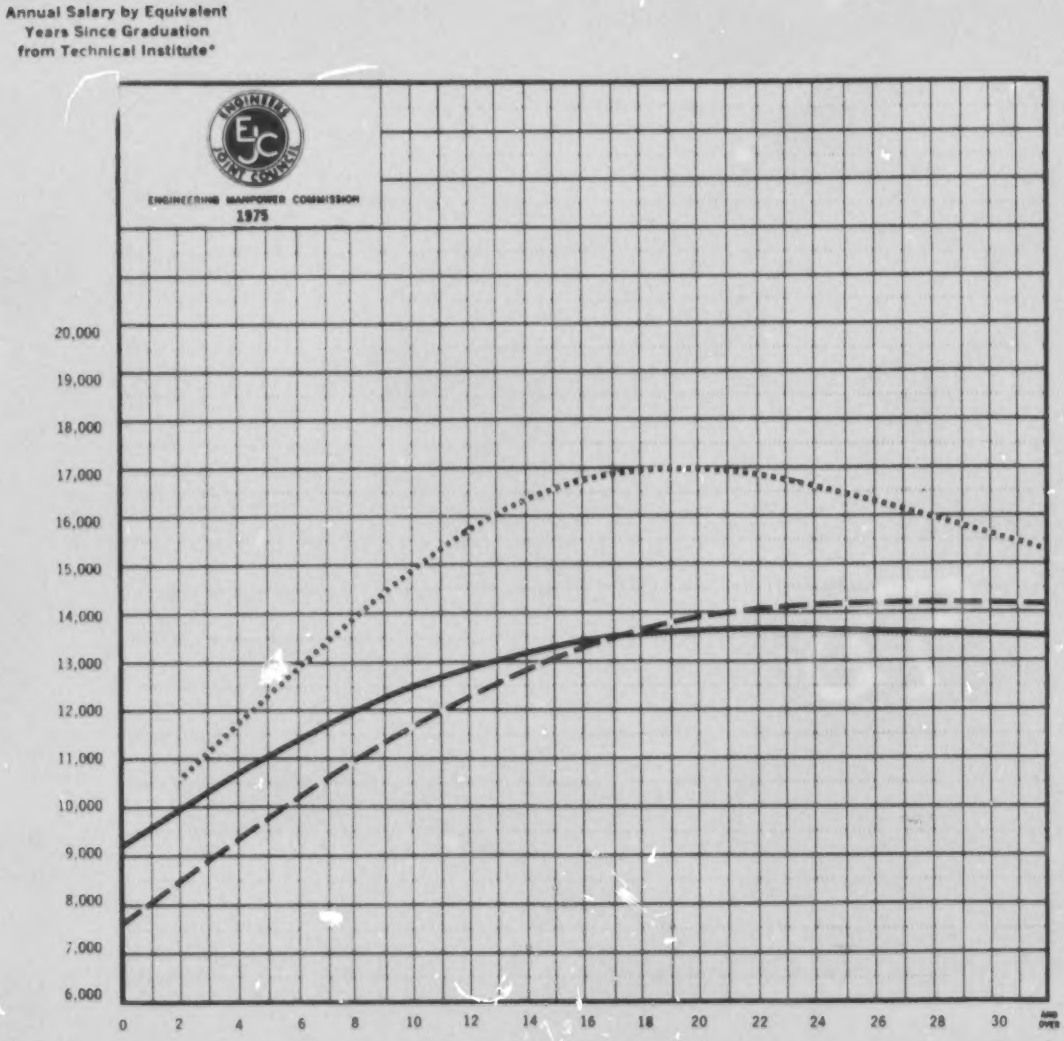
The Engineering Manpower Commission does not attempt to establish salary standards for any industry or employee group. The curves presented in this report simply show what various sectors of employment were paying as of August 1975 when the survey was made. Users are cautioned to read carefully the paragraph on limitations inherent in this kind of salary data. When used with judgment under conditions where the data can reasonably be expected to apply, these curves should be of definite value to personnel managers, educators, and individual engineering technicians alike. We present this report as a service to these people and to the engineering community at large.

## HIGHLIGHTS OF THE SURVEY

Engineering technicians during the last two years have received average annual salary increases ranging from 5.2 percent for those just out of school to 8.9 percent for those with 35 or more years since graduation, according to the EMC surveys. Figure 1 shows how median curves for associate degree and non-graduate technicians have risen since our initial survey in 1966. (Because of the different age scale used for bachelor's degree graduates, it is not feasible to include them in these median curves.) The relatively small increases between 1969 and 1971 reflect the aerospace and defense cut-backs, and other conditions that caused a decrease in the demand for engineers and technicians in 1970 and 1971. Starting salaries for new graduates were most noticeably affected, as indicated by the very small difference between the 1969 and 1971 curves within a few years after graduation.

Despite the beginning of economic recovery in 1973, that median salary curve rose only moderately. The 1975 curve seems to reflect the recovery of 1974 rather than the recession of 1975, as salaries for technicians increased substantially, especially at the higher levels of experience. It is impossible to predict trends for future years on the basis of the data available to date. In addition to external factors such as the economic situation, survey coverage varies and minor improvements are made in our survey methodology from one year to another. However, the curves of Figure 1 provide a rough general guide.

FIGURE 2
Median Salaries of Engineering Technicians by Level of Formal Education
All Survey Respondents, 1975




LEGEND

Bachelor's Degree .....
Associate Degree ———
No Degree -·---

The table under Figure 1 shows how median salaries have changed in comparison to the consumer price index. In general, technician salary scales seem to have lagged behind the increasing CPI, especially at the starting level and during periods of recession. However, it should be noted that the salaries of actual people tend to increase along the curves because of experience at the same time as the curves themselves rise over the years. This is illustrated by the dotted lines on Figure 1 which represent the salary paths of three hypothetical median technicians, as follows:

| Individual | Years of Experience as of 1975 | Percent Increase 1966-69 | 1969-71 | 1971-73 | 1973-75 | 1966-75 |
|---|---|---|---|---|---|---|
| A | 10 | 28.9 | 19.7 | 14.2 | 18.4 | 108.8 |
| B | 18 | 20.8 | 13.9 | 12.7 | 17.7 | 82.6 |
| C | 28 | 17.0 | 10.0 | 9.1 | 17.9 | 65.5 |

The 1975 survey results show that graduate technicians start out at substantially higher salaries than non-graduates, but the advantage is reduced and ultimately slightly reversed with increasing experience. The median annual salary for graduate technicians in 1975 started at $9,200 with less than a year of experience, increased steadily to $13,000 twelve years after graduation, then rose gradually to a maximum of $13,700. Non-graduate technician median salaries in 1975 started at $7,700 and rose to a peak of $14,200 at about 28 years of experience.

Four-year bachelor's degree technologists are reported as a separate category in the EMC surveys. Median starting salaries for this group in 1975 began at $10,400, 13 percent higher than the median for two-year graduates and 35 percent more than for non-graduates. The trend of EMC surveys to date indicates that the differential enjoyed by bachelor's degree technicians will continue to persist as this group becomes more numerous and its members grow in experience.

Figure 2 shows the median salary curves for the three categories of technicians plotted on a single graph. These may be compared with the detailed smooth curves found in the body of the report. The bachelor's degree curve is displaced two years to the right on this graph to make the age distributions approximately comparable between the three groups shown.

A special feature of this report is the charts giving weighted national salary averages. In order to give each industry group its proper weight in relation to total national employment of technicians, factors were introduced into the computer program to compensate for over-representation of survey replies in some groups as compared to others. This provides a more representative set of data than would be obtained by simply summing all survey responses. This survey covers such a large population of technicians that there is little difference between the weighted national average curves and those for all respondents. The raw (unsmoothed) data tables for the All Respondents group are included in this report for purposes of comparison.

## HOW THE SURVEY WAS CONDUCTED

A three-part questionnaire form was used (see facsimile in the Appendix) on which respondents simply indicated the number of individuals in appropriate boxes of a salary versus experience matrix. No special definitions were given other than those printed on the questionnaire. Forms were sent to EMC's regular list of survey participants, consisting of employers in all major areas of industry, government, and higher education.

Returns were reviewed for accuracy and consistency, and coded according to industry group and geographical location. Then the salary data were keypunched and verified. The punched cards were processed through our special three-stage computer program. The output of the first stage, consisting of reconstructed summary reports for each respondent, was reviewed to detect and correct any gross keypunch errors. The second stage output consisted of distribution matrices for each selected industry group. A sample matrix is included in the Appendix. More groups were actually analyzed than are included in this report, in order to arrive at the best and most useful combinations. Finally data tables were produced for each selected group. These tables have been reproduced directly below each of the plotted salary curves in this report.

The EMC computer program calculates salary medians, quartiles, deciles, and means for each array of salaries in a given "Years Since Graduation" column. Since salaries are reported within brackets of $500 or $1000, the computer interpolates each fractile to the nearest $50 by assuming

a straight-line distribution between the extremes of the salary bracket. For example, if the median technician happened to be the 20th one in the $9,500 to $10,000 bracket, and there were 50 salaries reported in this bracket, the median point would be 20/50 of the $500 range covered, or $200, and the computed median salary would be $9,700.

The fractiles are first produced as "raw" data. In general we have found that curves plotted on the basis of raw data contain many irregularities that result more from inherent limitations of the methodology than from significant changes in compensation practices. Therefore most of the curves presented in this report are based on "smooth" data developed by a curve-fitting routine. (The curves for "All Respondents" and many of the data tables for Bachelor of Technology graduates are examples of raw data.) All raw data curves and tables are clearly marked as such. Each fractile curve is computed separately in the form $y = ax^2 + bx + c$, where y is the reciprocal of salary and x represents years of experience raised to a power z. The smoothing program determines the values of a, b, c, and z that give the minimum sum of the squares of the differences between the raw and smooth values of y, the squared differences being weighted by the populations associated with each of the data points.

Raw data and distribution matrices may be obtained from EMC for any of the charts on special order at $2.00 per table, prepaid.

METHOD OF PRESENTATION

Each set of curves is defined according to the industry group, degree level, or geographical region covered. Respondents constituting each industry group are listed in the Appendix. This enables users to determine whether their own organization is reasonably comparable with the group covered by the curves. Geographical regions are defined on page 29.

Below each set of curves are printed the data points on which they are based. The data tables also include mean salaries (which are not plotted and normally differ little from the median) and the number of salaries within each column. Users should always note these figures to be sure that the age distribution of their own employees is consistent with the group described by the curves. Data points have

been omitted where there were fewer than five salaries in a column. The data tables also list the number of salaries above $20,000 or below $7,000, which were the limits established by the questionnaire form. The plotted curves and data tables are terminated where they go beyond these limits.

In surveys of this kind there is always a chance that one or two large employers may dominate a particular industry group. To avoid such over-representation we weight groups where necessary to insure that no employer is responsible for more than half of the data. Data tables for such groups are clearly identified and the actual number of salaries reported by respondents in the group is given in addition to the weighted total.

To protect the data provided by individual respondents, we require that there be at least four employers in an industry group before salary curves are produced. The confidentiality of individual salary schedules is protected at all times.

## COVERAGE AND RESPONSE

This report is based on returns submitted by 630 different establishments employing 61,537 technicians. A distribution by employment group appears on page 20.

## NOTES ON THE SALARY CURVES

In some cases, the detailed curves show graduate technicians receiving lower salaries than nongraduates for the same number of years experience. In part this may be due to the operation of our curve-smoothing computer program, but it may result from other factors as well. College programs in engineering technology are relatively new, and until recent years have produced fairly small numbers of graduates. Many experienced technicians have obtained their formal educations at an older age than current graduates, while others have obtained most of their training on the job. All curves show that recent technical school graduates are making significantly higher salaries than nongraduates, but after 20 or more years of experience it is common for the educational differential to become less significant in comparison with on-the-job experience and performance.

This condition is particularly noticeable in the curves for the Electrical Equipment, Electronic Equipment, and Machinery industries, where it appears to result from the employment

patterns reported by several large employers. Because of the large number of salaries reported by these employers, their data exert a strong influence on the Electrical & Electronic Products, All Manufacturing Industry, All Industry Northeast, All Industry Large, and All Industry curves, even though no single employer contributed as much as half of the data in any industry group. Users should be particularly careful in using these curves and data tables to make sure that their own employment patterns are consistent with those indicated by the curves, with regard to the distribution of graduate and non-graduate technicians at different age or experience levels.

Because of the difficulty in integrating bachelor's degree holders with other technicians, this group has been excluded from all curves except those specifically labeled as applicable to bachelor's degree graduates. The heading "All Technicians" where used in this report should therefore be interpreted as "Technicians with an associate degree and equivalent nongraduates."

DEFINITION OF INDUSTRY GROUPS

The list of employer groups on the next page shows how the data in this report are related to each other in hierarchical fashion, starting with All Respondents and continuing with breakdowns into smaller and more detailed groups. Users should select the curves and data tables for the group most closely matching their own situation. In some cases it will be necessary to refer to the next larger grouping for more detailed data.

The following explanatory notes refer to groups whose identity may not be obvious from the headings on the charts and the list of respondents given in the Appendix:

ALL INDUSTRY REGIONAL CURVES - These sets of curves show how technician salaries in industry vary by major geographical region. They include all industry respondents, both manufacturing and nonmanufacturing. Because employment patterns differ greatly from state to state depending on concentrations of industry, these curves should be interpreted only as rough guides to overall regional variations.

ALL INDUSTRY CURVES BY SIZE OF ESTABLISHMENTS - These include only manufacturing and nonmanufacturing industry respondents to the survey. Small establishments are arbitrarily defined

## ARRANGEMENT OF EMPLOYMENT GROUPS

The largest or most inclusive groups are listed first. Smaller groups included within broader groupings are indented under the more inclusive groups.

- Weighted National Average
- All Respondents
  - All Industry
    - Regional Breakdowns
    - Size of Company Breakdowns
    - All Manufacturing Industry
      - All Mechanical Products
        - Aerospace*
        - Machinery
        - Metal Products
          - Fabricated Metal Products
          - Metals, Basic & Mining
      - Electrical & Electronic Products
        - Electrical Equipment
        - Electronic Equipment
      - All Consumer Products
        - Chemicals
        - Petroleum Industry*
        - Paper
        - Miscellaneous Manufacturing
    - All Non-manufacturing Industry
      - Construction & Consultants
        - Construction
        - Engineering & Architectural Consultants
      - Technical Services, Other
      - Research & Development*
        - Industrial R&D*
        - R&D Laboratories
      - Utilities
        - Communications
        - Electric & Combined Utilities
          - Electric Utilities
          - Combined Electric & Gas Utilities
        - Gas Utilities & Pipelines
  - Education
    - Engineering Schools
    - Technician School
  - Government
    - Federal Government
    - State Government
    - Local Government

*See notes on p. 19-20 for a description of respondents included in these special groups.

as those reporting fewer than 500 employees, medium establishments as those between 500 and 5000, and large establishments as those reporting 5000 or more total employees.

ALL MANUFACTURING INDUSTRY - These curves are composites of the following industry groups -- Aerospace, Chemicals, Electrical Equipment, Electronic Equipment, Machinery, Fabricated Metal Products, Metals--Basic & Mining, Miscellaneous Manufacturing, Paper, and Petroleum.

ALL MECHANICAL PRODUCTS - This group consists of the Aerospace, Machinery, Fabricated Metal Products, and Metals--Basic & Mining groups.

ALL CONSUMER PRODUCTS - This is a composite of the Chemicals, Petroleum, Paper, and Miscellaneous Manufacturing groups.

PETROLEUM INDUSTRY - This group consists of oil, gas, and pipeline companies plus related technical service organizations as indicated by (P) on the list of participants in the Appendix.

ALL NONMANUFACTURING INDUSTRY - This group includes companies listed under Communications, Construction, Electric Utilities, Engineering & Architectural Consultants, Gas Utilities & Pipelines, Research & Development, Technical Services, and Transportation.

RESEARCH & DEVELOPMENT - These curves are for employers listed as R&D Laboratories plus the research components of various industry groups and government laboratories as indicated by (R) in the list of respondents.

INDUSTRIAL R&D - This grouping consists of the research components of the industry groups as indicated by (R) in the list of respondents.

R&D LABORATORIES - These curves are for the nongovernment research laboratories only.

BACHELOR OF TECHNOLOGY GRADUATES - As previously noted, these technologists are not included in the salary curves for other technicians. Since there were only about 2,400 bachelor of technology salaries included in the survey, it was not possible to develop individual curves for each industry group. The curves and data tables for bachelor's degree technologists,

broken down in as much detail as was feasible, are grouped together for convenience.

The following groups are included for purposes of comparison with similar groupings reported in the 1973 technicians' salary survey, and to provide sufficiently large groupings to permit the generation of curves and data tables for bachelor of technology graduates. In each case, more detailed data are presented for the individual industry groups included in these combined groupings.

ELECTRICAL & ELECTRONIC PRODUCTS - This consists of the Electrical Equipment and Electronic Equipment groups combined.

METAL PRODUCTS This grouping includes Fabricated Metal Products and Metals, Basic and Mining.

CONSTRUCTION & CONSULTANTS - This group consists of Construction and Engineering & Architectural Consultants combined.

ELECTRIC & COMBINED UTILITIES - This combination is equivalent to the Electric Utilities group in the 1973 report. In the 1975 survey separate curves have been developed for Electric Utilities and Combined Electric and Gas Utilities.

EDUCATION - This group consists of Engineering Schools and Technician Schools combined.

LIMITATIONS

Users of this report should apply salary curves with judgment. We report salary data as furnished by the survey respondents, but there is no way of knowing whether respondents represent a typical cross-section of a particular industry group. Data in some year columns may be based on a relatively small number of salaries. In such cases the smoothed curves may represent a considerable departure from the raw data points. As explained previously, the methodology and presentation of data involve a number of inherent limitations. The salary curves and data must thus be viewed as general guides, not as absolutes.

In publishing these curves EMC is attempting to show what prevailing salary patterns are, not what we think they ought to be. In the final analysis the salaries paid to individuals are determined by many factors, especially their performance of assigned duties. Such factors cannot be

measured by a survey of this kind. Therefore EMC cannot undertake to evaluate individual salary situations, nor to advise employers as to the salaries they should pay for specific positions.

## Distribution of Sample

| | Number of Employers | Number of Technicians Covered |
|---|---|---|
| Manufacturing Industries | 213 | 2[illegible]704 |
| *Aerospace | 8 | 1455 |
| Chemicals | 21 | 509 |
| Electrical Equipment | 17 | 13651 |
| Electronic Equipment | 55 | 4822 |
| Machinery | 20 | 1625 |
| Metals, Basic and Mining | 12 | 362 |
| Fabricated Metal Products | 44 | 1991 |
| Paper | 10 | 328 |
| *Petroleum Industry | 16 | 1579 |
| Miscellaneous Manufacturing | 10 | 555 |
| Non-manufacturing Industries | 191 | 13081 |
| Communications | 5 | 326 |
| Construction and Design/Construction | 12 | 1003 |
| Electric and Combined Utilities | 60 | 4760 |
| Engineering and Architectural Consultants | 78 | 3268 |
| Engineering Services, Other | 13 | 491 |
| Gas Utilities and Pipelines | 9 | 563 |
| #R&D Laboratories | 10 | 1182 |
| Other Non-manufacturing | 4 | 295 |
| Government | 73 | 19059 |
| Federal | 11 | 5646 |
| State | 16 | 11921 |
| Local | 46 | 1492 |
| Educational Institutions | 153 | 1295 |
| Engineering Schools | 109 | 1103 |
| Technical Schools | 44 | 192 |
| @ Bachelor's Degree Technologists | - | 2398 |
| All Employers | 630 | 61537 |

Notes:

*In producing the data tables in this report, some respondents were included in two industry groups to make the data more representative. The Aerospace group includes engineers from 6 additional companies, and Petroleum Industry includes

those from 12 additional companies. See the list of respondents in the Appendix for identification of those companies.

#In addition to the R&D Laboratories, 33 industrial R&D components and 3 government laboratories are included in tables representing the entire U.S. R&D establishment, titled Research and Development.

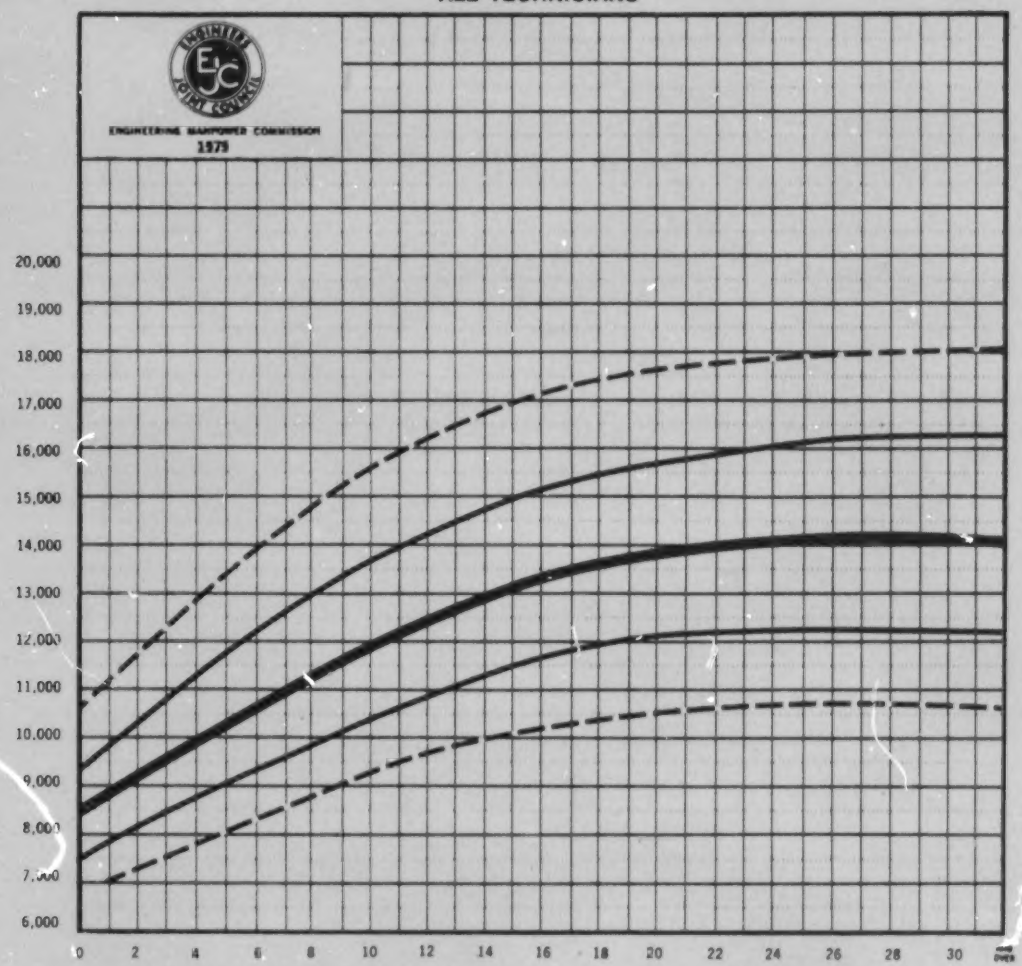
@ Bachelor's degree technologists are not included in the totals for the employer groups listed above.

Because of the foregoing conditions, the numbers of technicians shown above do not add up exactly to the totals in some instances. However, there is no duplication in the total number of respondents indicated for All Employers.

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

## WEIGHTED NATIONAL AVERAGE

### ALL TECHNICIANS




| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 10600 | 11250 | 11850 | 12450 | 13000 | 13500 | 14000 | 14450 | 14850 |
| UPPER QUARTILE | 9450 | 9950 | 10400 | 10900 | 11350 | 11800 | 12200 | 12600 | 12950 |
| MEDIAN | 8500 | 8850 | 9250 | 9600 | 9950 | 10300 | 10650 | 10950 | 11300 |
| LOWER QUARTILE | 7900 | 7850 | 8150 | 8450 | 8750 | 9050 | 9350 | 9600 | 9900 |
| LOWER DECILE | | 7350 | 7350 | 7600 | 7900 | 8150 | 8400 | 8650 | 8850 |
| MEAN | 8700 | 9100 | 9450 | 9850 | 10250 | 10550 | 10900 | 11250 | 11600 |
| TOTAL NUMBER | 3522 | 5498 | 6576 | 7865 | 7321 | 8218 | 8938 | 9089 | 9366 |
| NUMBERS OVER $20000 | 1 | 0 | 0 | 0 | 1 | 5 | 0 | 0 | 23 |
| NUMBERS UNDER $ 7000 | 731 | 476 | 270 | 343 | 222 | 263 | 116 | 131 | 98 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 15600 | 16450 | 17150 | 17550 | 17750 | 17900 | 18000 | 18050 | 18050 |
| UPPER QUARTILE | 13650 | 14450 | 15100 | 15550 | 15850 | 16050 | 16200 | 16250 | 16300 |
| MEDIAN | 11900 | 12700 | 13300 | 13750 | 14000 | 14100 | 14150 | 14050 | 13900 |
| LOWER QUARTILE | 10400 | 11100 | 11600 | 11950 | 12150 | 12250 | 12250 | 12200 | 12050 |
| LOWER DECILE | 9300 | 9800 | 10200 | 10450 | 10600 | 10650 | 10600 | 10550 | 10400 |
| MEAN | 12150 | 12900 | 13500 | 13850 | 14100 | 14200 | 14250 | 14200 | 14150 |
| TOTAL NUMBER | 22535 | 21142 | 19432 | 17269 | 15447 | 16376 | 13599 | 19373 | 25367 |
| NUMBERS OVER $20000 | 51 | 108 | 336 | 379 | 409 | 523 | 391 | 693 | 887 |
| NUMBERS UNDER $ 7000 | 174 | 114 | 46 | 38 | 29 | 41 | 33 | 59 | 149 |

**LEGEND**

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

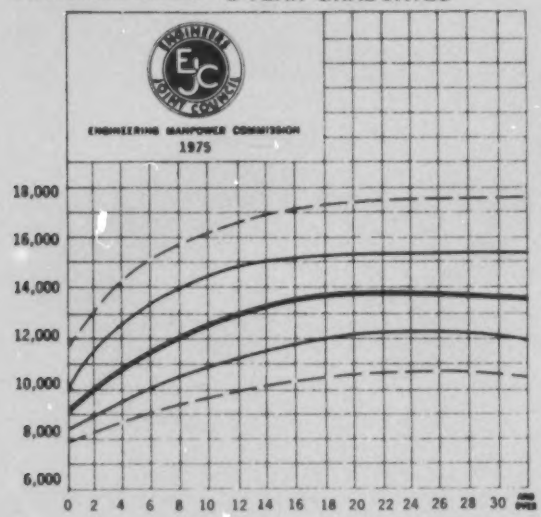
NUMBER OF TECHNICIANS COVERED - 236914

Unweighted total - 59,139

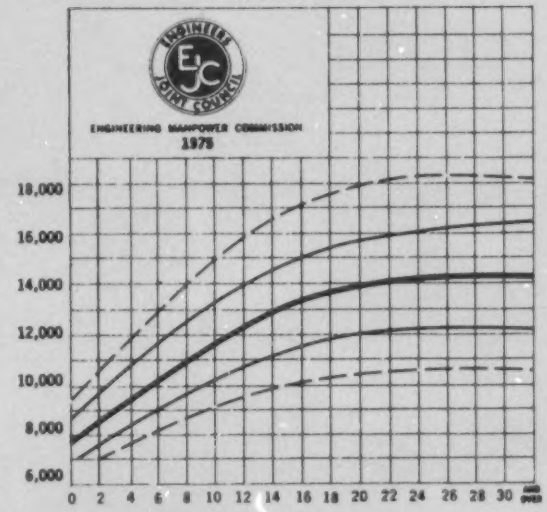
*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

# WEIGHTED NATIONAL AVERAGE

Annual Salary by Equivalent Years Since Graduation from Technical Institute* **2-YEAR GRADUATES**




Annual Salary by Equivalent Years Since Graduation from Technical Institute* **NON GRADUATES**




## 2-YEAR GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 11750 | 12400 | 13030 | 13600 | 14100 | 14550 | 15000 | 15350 | 15700 |
| UPPER QUARTILE | 10050 | 10700 | 11350 | 11950 | 12450 | 12900 | 13300 | 13650 | 13950 |
| MEDIAN | 9200 | 9600 | 10000 | 10350 | 10750 | 11050 | 11400 | 11700 | 12000 |
| LOWER QUARTILE | 8500 | 8750 | 9000 | 9250 | 9500 | 9750 | 10000 | 10200 | 10450 |
| LOWER DECILE | 7900 | 8100 | 8300 | 8450 | 8650 | 8850 | 9000 | 9200 | 9350 |
| MEAN | 9550 | 9950 | 10300 | 10700 | 11050 | 11400 | 11700 | 12000 | 12300 |
| TOTAL NUMBER | 1178 | 3091 | 3389 | 3823 | 2847 | 3502 | 3477 | 3346 | 3176 |
| NUMBERS OVER $20000 | 1 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 19 |
| NUMBERS UNDER $ 7000 | 33 | 65 | 34 | 52 | 38 | 52 | 23 | 45 | 30 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 16250 | 16800 | 17150 | 17350 | 17450 | 17500 | 17550 | 17550 | 17600 |
| UPPER QUARTILE | 14400 | 14850 | 15150 | 15200 | 15300 | 15300 | 15350 | 15350 | 15350 |
| MEDIAN | 12500 | 13100 | 13450 | 13600 | 13700 | 13650 | 13600 | 13500 | 13350 |
| LOWER QUARTILE | 10850 | 11350 | 11750 | 12000 | 12150 | 12150 | 12100 | 11950 | 11800 |
| LOWER DECILE | 9650 | 10050 | 10350 | 10550 | 10650 | 10650 | 10600 | 10450 | 10100 |
| MEAN | 12750 | 13300 | 13600 | 13800 | 13850 | 13800 | 13750 | 13700 | 13600 |
| TOTAL NUMBER | 7155 | 5882 | 4337 | 3446 | 2938 | 2675 | 2052 | 2716 | 2615 |
| NUMBERS OVER $20000 | 30 | 45 | 129 | 82 | 33 | 88 | 59 | 59 | 70 |
| NUMBERS UNDER $ 7000 | 30 | 58 | 4 | 5 | 5 | 3 | 1 | 3 | 13 |

NUMBER OF TECHNICIANS COVERED - 61693 Unweighted total - 19,094

## NON-GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 9500 | 10050 | 10600 | 11150 | 11700 | 12300 | 12850 | 13400 | 13900 |
| UPPER QUARTILE | 8600 | 9100 | 9600 | 10100 | 10600 | 11100 | 11600 | 12050 | 12500 |
| MEDIAN | 7700 | 8100 | 8550 | 8950 | 9350 | 9750 | 10200 | 10600 | 10950 |
| LOWER QUARTILE | | 7300 | 7650 | 8000 | 8350 | 8700 | 9000 | 9350 | 9650 |
| LOWER DECILE | | | 7050 | 7350 | 7600 | 7850 | 8150 | 8400 | 8600 |
| MEAN | 7900 | 8350 | 8750 | 9150 | 9550 | 10000 | 10400 | 10750 | 11150 |
| TOTAL NUMBER | 2343 | 2407 | 3187 | 4442 | 4474 | 4715 | 5452 | 5742 | 6193 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 5 |
| NUMBERS UNDER $ 7000 | 699 | 410 | 236 | 247 | 184 | 211 | 96 | 85 | 67 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 14900 | 16200 | 17150 | 17750 | 18100 | 18250 | 18200 | 18150 | 17900 |
| UPPER QUARTILE | 13300 | 14350 | 15150 | 15650 | 15950 | 16200 | 16300 | 16350 | 16400 |
| MEDIAN | 11700 | 12600 | 13300 | 13750 | 14050 | 14150 | 14200 | 14150 | 14050 |
| LOWER QUARTILE | 10250 | 11000 | 11600 | 11950 | 12150 | 12250 | 12250 | 12200 | 12150 |
| LOWER DECILE | 9100 | 9650 | 10100 | 10400 | 10600 | 10650 | 10650 | 10600 | 10450 |
| MEAN | 11850 | 12750 | 13450 | 13900 | 14200 | 14300 | 14350 | 14300 | 14200 |
| TOTAL NUMBER | 15380 | 15259 | 15095 | 13843 | 12508 | 13700 | 11946 | 16857 | 22752 |
| NUMBERS OVER $20000 | 20 | 55 | 267 | 296 | 376 | 437 | 331 | 544 | 816 |
| NUMBERS UNDER $ 7000 | 144 | 63 | 42 | 33 | 24 | 38 | 29 | 56 | 136 |

NUMBER OF TECHNICIANS COVERED - 175280 Unweighted total - 40,045

**LEGEND**

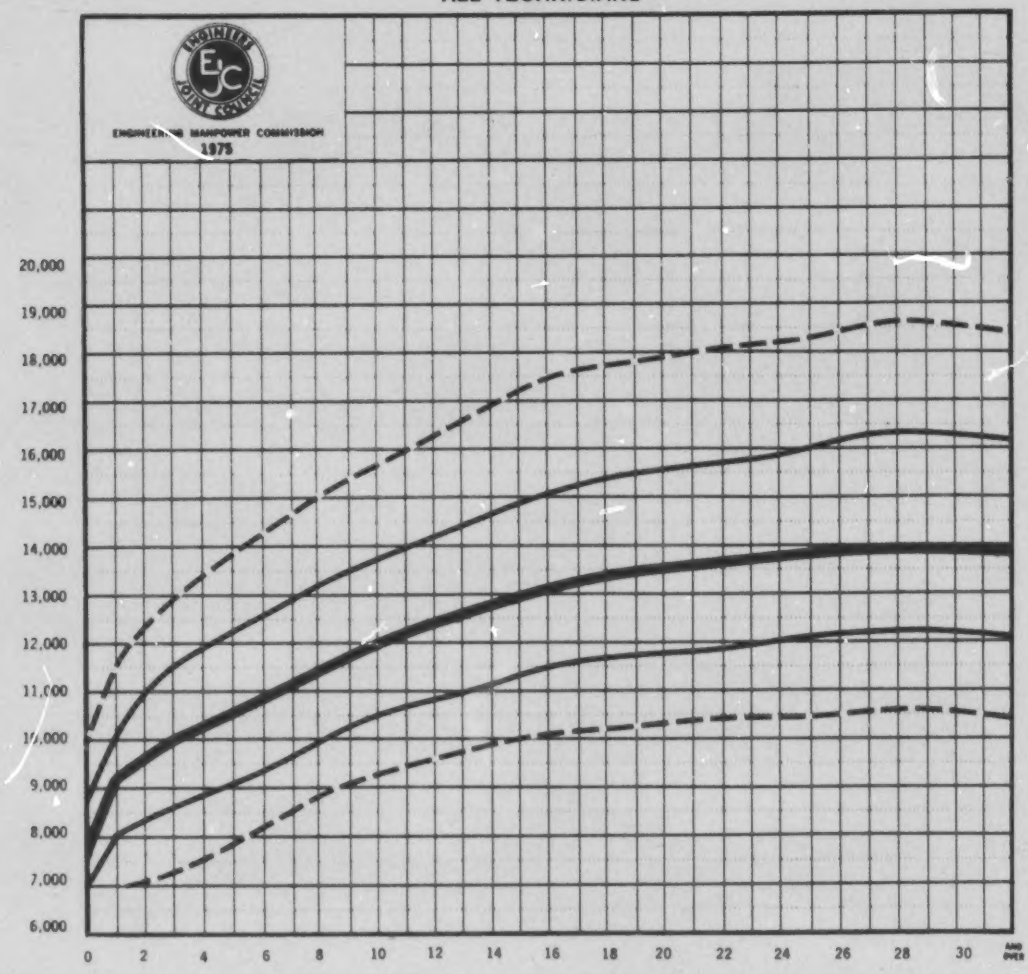
Upper Decile
Upper Quartile
Median
Lower Quartile
Lower Decile

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

**Annual Salary by Equivalent Years Since Graduation from Technical Institute***

# ALL RESPONDENTS

## ALL TECHNICIANS




## RAW DATA

ALL RESPONDENTS TOTAL

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 9900 | 11700 | 12350 | 13000 | 13400 | 13850 | 14300 | 14600 | 15000 |
| UPPER QUARTILE | 8950 | 10250 | 11000 | 11650 | 11850 | 12250 | 12600 | 12800 | 13250 |
| MEDIAN | 7700 | 9100 | 9600 | 10050 | 10350 | 10450 | 10800 | 11150 | 11400 |
| LOWER QUARTILE | | 8000 | 8350 | 8640 | 8800 | 9050 | 9350 | 9700 | 9950 |
| LOWER DECILE | | | 7100 | 7150 | 7550 | 7850 | 8200 | 8400 | 8800 |
| MEAN | 8200 | 9250 | 9750 | 10240 | 10400 | 10700 | 11100 | 11350 | 11700 |
| TOTAL NUMBER | 868 | 1289 | 1764 | 1883 | 1927 | 2098 | 2259 | 2921 | 2715 |
| NUMBERS OVER $20000 | 1 | 0 | 0 | 0 | 1 | 2 | 3 | 0 | 4 |
| NUMBERS UNDER $ 7000 | 311 | 181 | 156 | 169 | 133 | 107 | 74 | 88 | 65 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 15650 | 16550 | 17500 | 17750 | 18100 | 18250 | 18700 | 18400 | 18650 |
| UPPER QUARTILE | 13700 | 14300 | 15150 | 15500 | 15650 | 16000 | 16350 | 16200 | 16150 |
| MEDIAN | 12850 | 12500 | 13150 | 13450 | 13600 | 13850 | 13950 | 13800 | 13650 |
| LOWER QUARTILE | 10550 | 10950 | 11550 | 11700 | 11850 | 12100 | 12200 | 12050 | 11650 |
| LOWER DECILE | 9200 | 9700 | 10050 | 10200 | 10450 | 10450 | 10600 | 10400 | 9900 |
| MEAN | 12200 | 12800 | 13400 | 13650 | 13850 | 14100 | 14300 | 14100 | 13850 |
| TOTAL NUMBER | 6141 | 5687 | 4986 | 4618 | 3894 | 3656 | 3218 | 4462 | 5221 |
| NUMBERS OVER $20000 | 19 | 38 | 79 | 82 | 107 | 103 | 102 | 145 | 196 |
| NUMBERS UNDER $ 7000 | 90 | 56 | 34 | 27 | 29 | 20 | 14 | 35 | 86 |

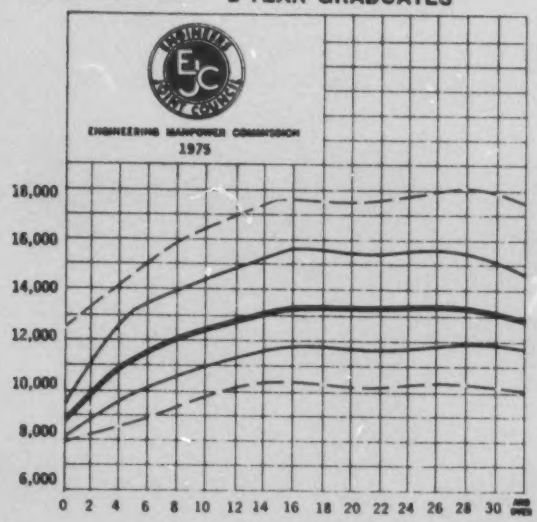
NUMBER OF TECHNICIANS COVERED - 59139

**LEGEND**

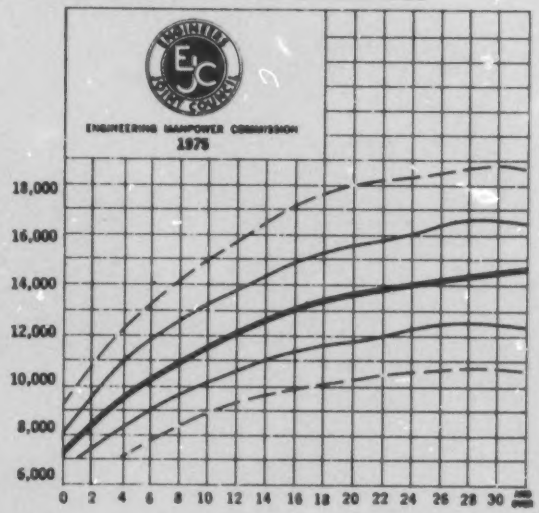
- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent Years Since Graduation from Technical Institute* **2-YEAR GRADUATES**




Annual Salary by Equivalent Years Since Graduation from Technical Institute* **NON GRADUATES**




## 2-YEAR GRADUATES

RAW DATA

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 12600 | 12250 | 12800 | 13600 | 14850 | 14750 | 15350 | 15600 | 15900 |
| UPPER QUARTILE | 9600 | 10900 | 11750 | 12600 | 12750 | 13200 | 13550 | 13700 | 13950 |
| MEDIAN | 8500 | 9500 | 10250 | 10900 | 10950 | 11300 | 11650 | 11750 | 12050 |
| LOWER QUARTILE | 8050 | 8700 | 9150 | 9550 | 9550 | 9700 | 10000 | 10300 | 10550 |
| LOWER DECILE | | 8050 | 8300 | 8400 | 8500 | 8450 | 8950 | 9150 | 9300 |
| MEAN | 9300 | 9850 | 10450 | 11000 | 11150 | 11500 | 11850 | 12050 | 12350 |
| TOTAL NUMBER | 305 | 732 | 919 | 969 | 865 | 942 | 1016 | 1031 | 1078 |
| NUMBERS OVER $20000 | 1 | 3 | 0 | 0 | 0 | 2 | 0 | 0 | 3 |
| NUMBERS UNDER $ 7000 | 33 | 30 | 34 | 37 | 31 | 35 | 28 | 32 | 17 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 16400 | 17150 | 17900 | 17550 | 17650 | 17900 | 18150 | 17650 | 17050 |
| UPPER QUARTILE | 14300 | 15000 | 15750 | 15550 | 15050 | 15650 | 15450 | 14650 | 14150 |
| MEDIAN | 12450 | 12850 | 13450 | 13300 | 13050 | 13450 | 13200 | 12800 | 12650 |
| LOWER QUARTILE | 11000 | 11400 | 11800 | 11700 | 11600 | 11800 | 11900 | 11550 | 11450 |
| LOWER DECILE | 9800 | 10200 | 10550 | 11300 | 10150 | 10350 | 10253 | 10000 | 10050 |
| MEAN | 12750 | 13250 | 13850 | 13650 | 13500 | 13800 | 13700 | 13300 | 13050 |
| TOTAL NUMBER | 2290 | 1798 | 1348 | 1181 | 970 | 893 | 745 | 981 | 1031 |
| NUMBERS OVER $20000 | 13 | 27 | 42 | 27 | 29 | 28 | 25 | 33 | 28 |
| NUMBERS UNDER $ 7000 | 17 | 13 | 4 | 5 | 5 | 3 | 1 | 3 | 13 |

NUMBER OF TECHNICIANS COVERED - 19094

## NON-GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 9250 | 10650 | 11150 | 11800 | 12450 | 12900 | 13350 | 13750 | 14050 |
| UPPER QUARTILE | 8100 | 9550 | 9900 | 10550 | 11050 | 11350 | 11750 | 12250 | 12700 |
| MEDIAN | 7000 | 8200 | 8900 | 9200 | 9600 | 9850 | 10300 | 10700 | 10950 |
| LOWER QUARTILE | | | 7500 | 7800 | 8250 | 8600 | 8900 | 9300 | 9700 |
| LOWER DECILE | | | | | 7050 | 7500 | 7800 | 8150 | 8550 |
| MEAN | 7550 | 8450 | 8900 | 9300 | 9750 | 10050 | 10450 | 10850 | 11250 |
| TOTAL NUMBER | 563 | 557 | 785 | 914 | 1062 | 1156 | 1243 | 1498 | 1637 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| NUMBERS UNDER $ 7000 | 278 | 151 | 122 | 132 | 102 | 72 | 54 | 56 | 48 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 15000 | 16000 | 17300 | 17800 | 18250 | 18350 | 18850 | 18550 | 18250 |
| UPPER QUARTILE | 13400 | 14000 | 14900 | 15450 | 15800 | 16100 | 16600 | 16450 | 16400 |
| MEDIAN | 11750 | 12350 | 13000 | 13500 | 13750 | 14000 | 14250 | 14150 | 13850 |
| LOWER QUARTILE | 10250 | 10800 | 11400 | 11700 | 12000 | 12250 | 12400 | 12300 | 11850 |
| LOWER DECILE | 8900 | 9550 | 9900 | 10150 | 10500 | 10500 | 10700 | 10600 | 9900 |
| MEAN | 11900 | 12600 | 13250 | 13650 | 13950 | 14200 | 14500 | 14350 | 14050 |
| TOTAL NUMBER | 3851 | 3889 | 3638 | 3437 | 2924 | 2763 | 2465 | 3481 | 4190 |
| NUMBERS OVER $20000 | 6 | 11 | 37 | 55 | 78 | 75 | 77 | 112 | 168 |
| NUMBERS UNDER $ 7000 | 73 | 43 | 38 | 22 | 24 | 17 | 13 | 32 | 73 |

NUMBER OF TECHNICIANS COVERED - 48045

**LEGEND**

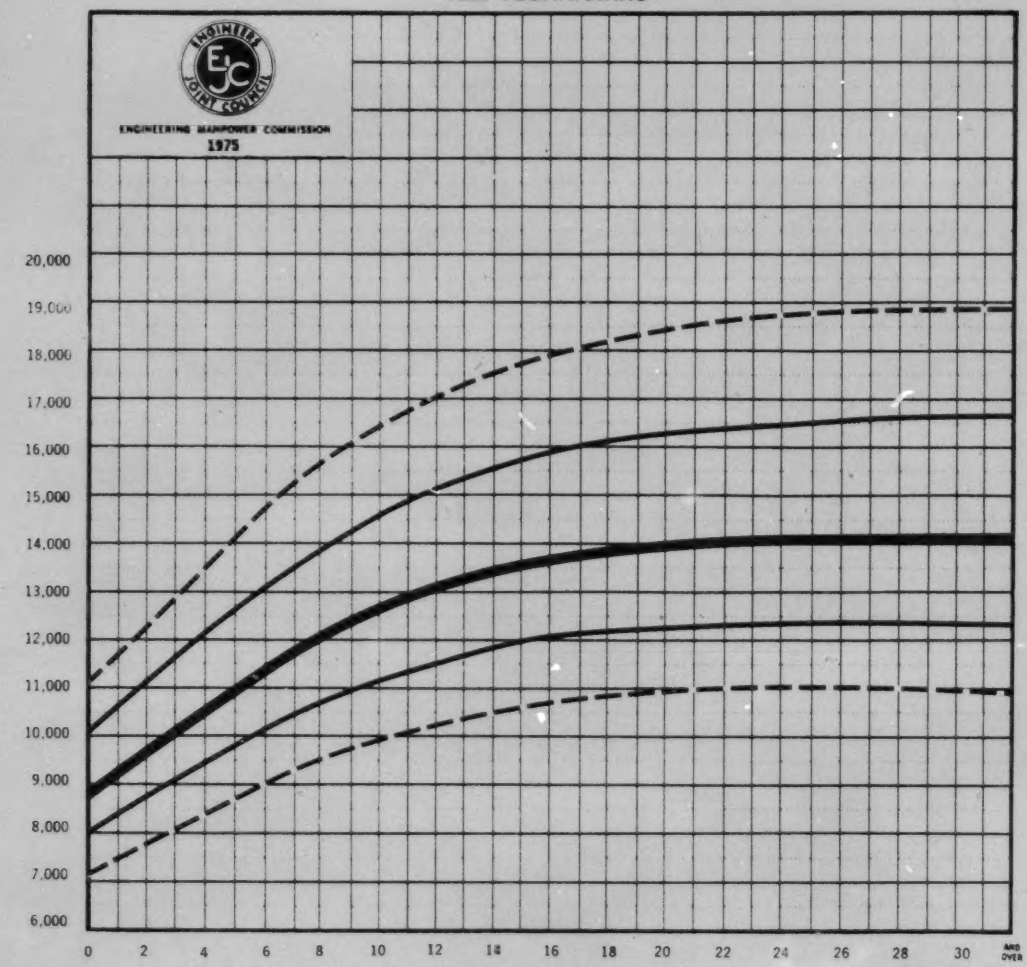
- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

# ALL INDUSTRY

## ALL TECHNICIANS




| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 11150 | 11800 | 12450 | 13100 | 13650 | 14250 | 14750 | 15250 | 15650 |
| UPPER QUARTILE | 10050 | 10650 | 11200 | 11700 | 12200 | 12700 | 13100 | 13550 | 13900 |
| MEDIAN | 8800 | 9300 | 9800 | 10250 | 10700 | 11100 | 11450 | 11800 | 12100 |
| LOWER QUARTILE | 8000 | 8350 | 8700 | 9050 | 9400 | 9750 | 10050 | 10350 | 10600 |
| LOWER DECILE | 7200 | 7550 | 7850 | 8150 | 8450 | 8700 | 9000 | 9250 | 9500 |
| MEAN | 9050 | 9550 | 10050 | 10500 | 10900 | 11300 | 11700 | 12050 | 12350 |
| TOTAL NUMBER | 497 | 895 | 1222 | 1335 | 1345 | 1467 | 1611 | 1743 | 1863 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 1 | 1 | 3 | 0 | 3 |
| NUMBERS UNDER $ 7000 | 96 | 38 | 22 | 28 | 14 | 10 | 6 | 7 | 8 |

**LEGEND**

Upper Decile — — —
Upper Quartile ———
Median ▬▬▬
Lower Quartile ———
Lower Decile — — —

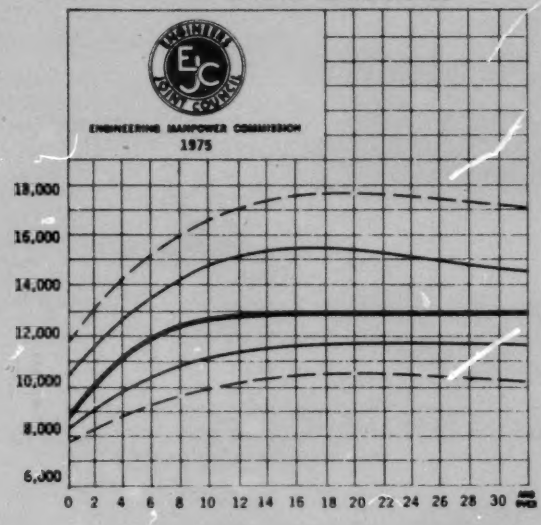
| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 16450 | 17300 | 17950 | 18350 | 18600 | 18750 | 18800 | 18850 | 18850 |
| UPPER QUARTILE | 14550 | 15300 | 15800 | 16150 | 16350 | 16500 | 16600 | 16600 | 16650 |
| MEDIAN | 12600 | 13200 | 13600 | 13850 | 14000 | 14100 | 14150 | 14150 | 14200 |
| LOWER QUARTILE | 11100 | 11650 | 12050 | 12250 | 12350 | 12400 | 12400 | 12350 | 12300 |
| LOWER DECILE | 9900 | 10400 | 10700 | 10900 | 11000 | 11000 | 11000 | 10950 | 10900 |
| MEAN | 12900 | 13500 | 13950 | 14200 | 14400 | 14500 | 14553 | 14550 | 14550 |
| TOTAL NUMBER | 4140 | 3596 | 3078 | 2796 | 2490 | 2465 | 2213 | 3080 | 2968 |
| NUMBERS OVER $20000 | 17 | 26 | 65 | 62 | 84 | 81 | 77 | 108 | 159 |
| NUMBERS UNDER $ 7000 | 6 | 2 | 3 | 3 | 0 | 6 | 1 | 2 | 3 |

NUMBER OF TECHNICIANS COVERED - 38785

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

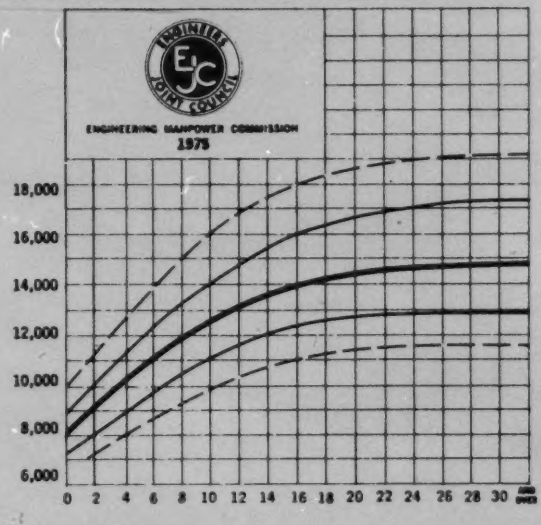
Annual Salary by Equivalent Years Since Graduation from Technical Institute*

## 2-YEAR GRADUATES




Annual Salary by Equivalent Years Since Graduation from Technical Institute*

## NON GRADUATES




## 2-YEAR GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 11850 | 12450 | 13000 | 13600 | 14150 | 14650 | 15150 | 15600 | 16000 |
| UPPER QUARTILE | 10550 | 11150 | 11700 | 12250 | 12750 | 13200 | 13600 | 14000 | 14300 |
| MEDIAN | 8900 | 9700 | 10350 | 10900 | 11350 | 11700 | 12000 | 12200 | 12400 |
| LOWER QUARTILE | 8500 | 8850 | 9200 | 9500 | 9800 | 10100 | 10350 | 10600 | 10800 |
| LOWER DECILE | 7800 | 8100 | 8400 | 8650 | 8900 | 9100 | 9300 | 9500 | 9650 |
| MEAN | 9650 | 10100 | 10550 | 11000 | 11400 | 11750 | 12100 | 12400 | 12650 |
| TOTAL NUMBER | 245 | 619 | 761 | 795 | 721 | 763 | 866 | 873 | 941 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 3 |
| NUMBERS UNDER $ 7000 | 18 | 6 | 4 | 5 | 1 | 4 | 3 | 2 | 2 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 16650 | 17300 | 17650 | 17700 | 17600 | 17450 | 17250 | 17050 | 16850 |
| UPPER QUARTILE | 14850 | 15300 | 15400 | 15350 | 15150 | 14950 | 14750 | 14550 | 14400 |
| MEDIAN | 12650 | 12850 | 12900 | 12950 | 12950 | 12950 | 12950 | 12950 | 12950 |
| LOWER QUARTILE | 11100 | 11450 | 11600 | 11700 | 11700 | 11700 | 11650 | 11600 | 11600 |
| LOWER DECILE | 9950 | 10250 | 10400 | 10450 | 10400 | 10350 | 10250 | 10200 | 10100 |
| MEAN | 13050 | 13400 | 13600 | 13600 | 13550 | 13450 | 13350 | 13250 | 13200 |
| TOTAL NUMBER | 1995 | 1579 | 1161 | 1022 | 813 | 774 | 659 | 867 | 867 |
| NUMBERS OVER $20000 | 11 | 17 | 33 | 19 | 19 | 19 | 15 | 28 | 28 |
| NUMBERS UNDER $ 7000 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 16321

## NON-GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 10100 | 10750 | 11400 | 12050 | 12700 | 13300 | 13900 | 14500 | 15050 |
| UPPER QUARTILE | 9000 | 9600 | 10200 | 10800 | 11350 | 11900 | 12450 | 12950 | 13400 |
| MEDIAN | 8050 | 8600 | 9150 | 9650 | 10150 | 10600 | 11050 | 11450 | 11850 |
| LOWER QUARTILE | 7300 | 7700 | 8100 | 8550 | 8950 | 9350 | 9700 | 10100 | 10450 |
| LOWER DECILE | | 7050 | 7400 | 7750 | 8050 | 8400 | 8750 | 9050 | 9350 |
| MEAN | 8300 | 8800 | 9300 | 9800 | 10250 | 10750 | 11200 | 11600 | 12000 |
| TOTAL NUMBER | 252 | 276 | 461 | 540 | 624 | 696 | 764 | 870 | 922 |
| NUMBERS OVER $20000 | 6 | 8 | 8 | 8 | 1 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 78 | 32 | 19 | 23 | 13 | 6 | 3 | 5 | 6 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 16050 | 17200 | 18050 | 18550 | 18850 | 19050 | 19100 | 19150 | 19150 |
| UPPER QUARTILE | 14250 | 15250 | 16000 | 16550 | 16850 | 17050 | 17200 | 17250 | 17250 |
| MEDIAN | 12550 | 13350 | 13950 | 14300 | 14550 | 14700 | 14800 | 14850 | 14850 |
| LOWER QUARTILE | 11050 | 11800 | 12350 | 12650 | 12850 | 12900 | 12900 | 12900 | 12850 |
| LOWER DECILE | 9950 | 10550 | 11000 | 11300 | 11450 | 11500 | 11500 | 11500 | 11450 |
| MEAN | 12750 | 13600 | 14250 | 14600 | 14850 | 14950 | 15000 | 15050 | 15050 |
| TOTAL NUMBER | 2145 | 2017 | 1909 | 1774 | 1677 | 1691 | 1554 | 2213 | 2101 |
| NUMBERS OVER $20000 | 6 | 9 | 32 | 43 | 55 | 62 | 62 | 80 | 131 |
| NUMBERS UNDER $ 7000 | 6 | 0 | 3 | 3 | 0 | 5 | 3 | 2 | 3 |

NUMBER OF TECHNICIANS COVERED - 22464

**LEGEND**

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

## DEFINITION OF REGIONS

### NORTHEAST

- Connecticut
- Maine
- Massachusetts
- New Hampshire
- Rhode Island
- Vermont
- New Jersey
- New York
- Pennsylvania

### NORTH CENTRAL

- Illinois
- Indiana
- Michigan
- Ohio
- Wisconsin
- Iowa
- Kansas
- Minnesota
- Missouri
- Nebraska
- North Dakota
- South Dakota

### SOUTH

- Delaware
- District of Columbia
- Florida
- Georgia
- Maryland
- North Carolina
- South Carolina
- Virginia
- West Virginia
- Alabama
- Kentucky
- Mississippi
- Tennessee
- Arkansas
- Louisiana
- Oklahoma
- Texas

### WEST

- Arizona
- Colorado
- Idaho
- Montana
- Nevada
- New Mexico
- Utah
- Wyoming
- California
- Oregon
- Washington
- Alaska
- Hawaii

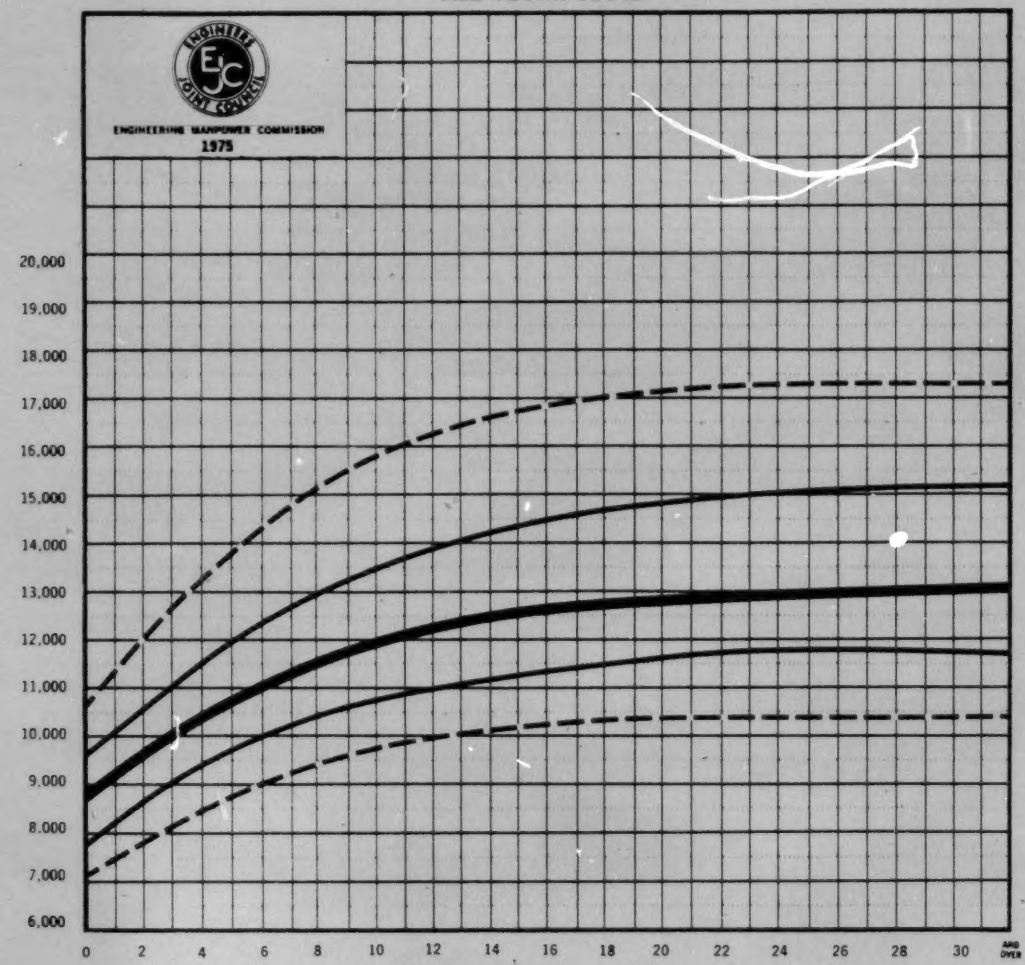


29

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

# ALL INDUSTRY, NORTHEAST

## ALL TECHNICIANS




| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 10600 | 11350 | 12050 | 12700 | 13300 | 13850 | 14350 | 14800 | 15200 |
| UPPER QUARTILE | 9650 | 10150 | 10650 | 11100 | 11500 | 11900 | 12300 | 12650 | 12950 |
| MEDIAN | 8700 | 9150 | 9600 | 10000 | 10350 | 10700 | 11000 | 11250 | 11500 |
| LOWER QUARTILE | 7850 | 8250 | 8650 | 9050 | 9350 | 9650 | 9950 | 10200 | 10400 |
| LOWER DECILE | 7150 | 7500 | 7850 | 8150 | 8450 | 8700 | 8950 | 9200 | 9400 |
| MEAN | 8906 | 9400 | 9850 | 10250 | 10600 | 11000 | 11300 | 11600 | 11850 |
| TOTAL NUMBER | 213 | 322 | 429 | 486 | 475 | 581 | 643 | 779 | 885 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 32 | 8 | 6 | 6 | 5 | 3 | 0 | 1 | 4 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 15400 | 16450 | 16850 | 17100 | 17250 | 17300 | 17350 | 17350 | 17350 |
| UPPER QUARTILE | 13500 | 14100 | 14500 | 14800 | 14950 | 15050 | 15150 | 15150 | 15200 |
| MEDIAN | 11900 | 12350 | 12650 | 12800 | 12900 | 13000 | 13000 | 13050 | 13050 |
| LOWER QUARTILE | 10750 | 11150 | 11400 | 11550 | 11650 | 11700 | 11750 | 11750 | 11750 |
| LOWER DECILE | 9750 | 10050 | 10250 | 10350 | 10400 | 10400 | 10400 | 10400 | 10400 |
| MEAN | 12300 | 12750 | 13100 | 13300 | 13400 | 13450 | 13500 | 13550 | 13550 |
| TOTAL NUMBER | 1801 | 1537 | 1177 | 1101 | 1026 | 980 | 917 | 1381 | 1467 |
| NUMBERS OVER $20000 | 4 | 5 | 14 | 11 | 20 | 14 | 20 | 15 | 41 |
| NUMBERS UNDER $ 7000 | 3 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 |

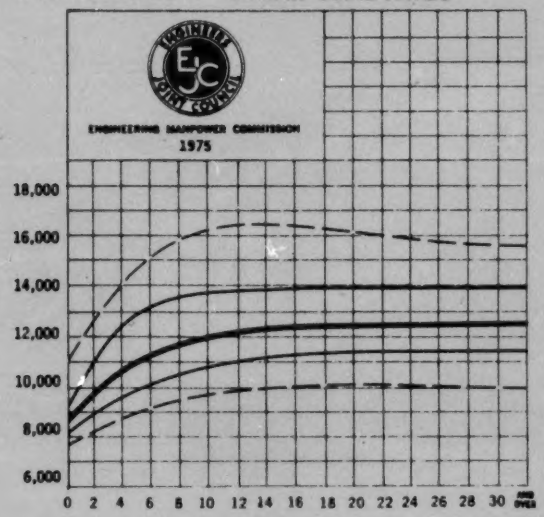
NUMBER OF TECHNICIANS COVERED - 16228

**LEGEND**

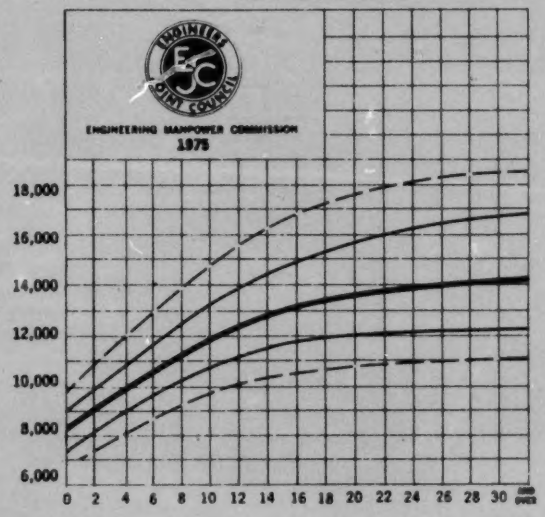
- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent Years Since Graduation from Technical Institute* **2-YEAR GRADUATES**




Annual Salary by Equivalent Years Since Graduation from Technical Institute* **NON GRADUATES**




## 2-YEAR GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 11000 | 11800 | 12550 | 13250 | 13900 | 14500 | 14950 | 15350 | 15700 |
| UPPER QUARTILE | 9400 | 10400 | 11250 | 11900 | 12450 | 12850 | 13150 | 13350 | 13500 |
| MEDIAN | 8850 | 9400 | 9900 | 10350 | 10700 | 11050 | 11300 | 11500 | 11700 |
| LOWER QUARTILE | 8300 | 8650 | 9000 | 9300 | 9600 | 9850 | 10100 | 10300 | 10500 |
| LOWER DECILE | 7700 | 8000 | 8250 | 8500 | 8750 | 8950 | 9150 | 9350 | 9500 |
| MEAN | 9200 | 9750 | 10250 | 10700 | 11050 | 11400 | 11730 | 11980 | 12100 |
| TOTAL NUMBER | 127 | 219 | 265 | 306 | 285 | 328 | 440 | 498 | 548 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 5 | 1 | 1 | 2 | 0 | 1 | 0 | 0 | 2 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 15150 | 15400 | 15350 | 16200 | 16000 | 15850 | 15700 | 15600 | 15550 |
| UPPER QUARTILE | 13700 | 13450 | 13900 | 13900 | 13900 | 13900 | 13900 | 13900 | 13900 |
| MEDIAN | 11950 | 12200 | 12350 | 12400 | 12450 | 12450 | 12450 | 12450 | 12450 |
| LOWER QUARTILE | 10800 | 11100 | 11250 | 11350 | 11400 | 11400 | 11400 | 11400 | 11400 |
| LOWER DECILE | 9700 | 9950 | 10050 | 10100 | 10100 | 10050 | 10000 | 10000 | 9950 |
| MEAN | 12400 | 12650 | 12750 | 12750 | 12750 | 12750 | 12750 | 12750 | 12750 |
| TOTAL NUMBER | 1088 | 927 | 701 | 674 | 575 | 533 | 503 | 678 | 732 |
| NUMBERS OVER $20000 | 2 | 2 | 8 | 5 | 8 | 6 | 4 | 6 | 9 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 9427

## NON-GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 9800 | 10300 | 10850 | 11350 | 11900 | 12400 | 12900 | 13350 | 13850 |
| UPPER QUARTILE | 9050 | 9500 | 9950 | 10350 | 10850 | 11200 | 11550 | 12050 | 12400 |
| MEDIAN | 8200 | 8600 | 9050 | 9450 | 9850 | 10250 | 10650 | 10950 | 11300 |
| LOWER QUARTILE | 7350 | 7800 | 8200 | 8600 | 9000 | 9350 | 9700 | 10000 | 10300 |
| LOWER DECILE | | 7100 | 7500 | 7850 | 8150 | 8450 | 8750 | 9000 | 9250 |
| MEAN | 8300 | 8700 | 9150 | 9550 | 10000 | 10350 | 10750 | 11100 | 11450 |
| TOTAL NUMBER | 86 | 103 | 164 | 180 | 190 | 253 | 243 | 281 | 337 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 27 | 7 | 5 | 4 | 5 | 2 | 0 | 1 | 2 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 14700 | 15950 | 16750 | 17400 | 17900 | 18200 | 18450 | 18550 | 18600 |
| UPPER QUARTILE | 13150 | 14100 | 14900 | 15550 | 16000 | 16350 | 16500 | 16800 | 16950 |
| MEDIAN | 11450 | 12500 | 13100 | 13500 | 13750 | 13950 | 14050 | 14150 | 14150 |
| LOWER QUARTILE | 10750 | 11300 | 11700 | 11900 | 12100 | 12150 | 12200 | 12250 | 12250 |
| LOWER DECILE | 9700 | 10150 | 10500 | 10700 | 10850 | 10950 | 11000 | 11050 | 11050 |
| MEAN | 12050 | 12800 | 13400 | 13800 | 14100 | 14300 | 14400 | 14500 | 14550 |
| TOTAL NUMBER | 713 | 610 | 475 | 427 | 469 | 467 | 404 | 703 | 735 |
| NUMBERS OVER $20000 | 2 | 3 | 2 | 6 | 12 | 12 | 16 | 11 | 32 |
| NUMBERS UNDER $ 7000 | 3 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 6801

**LEGEND**

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

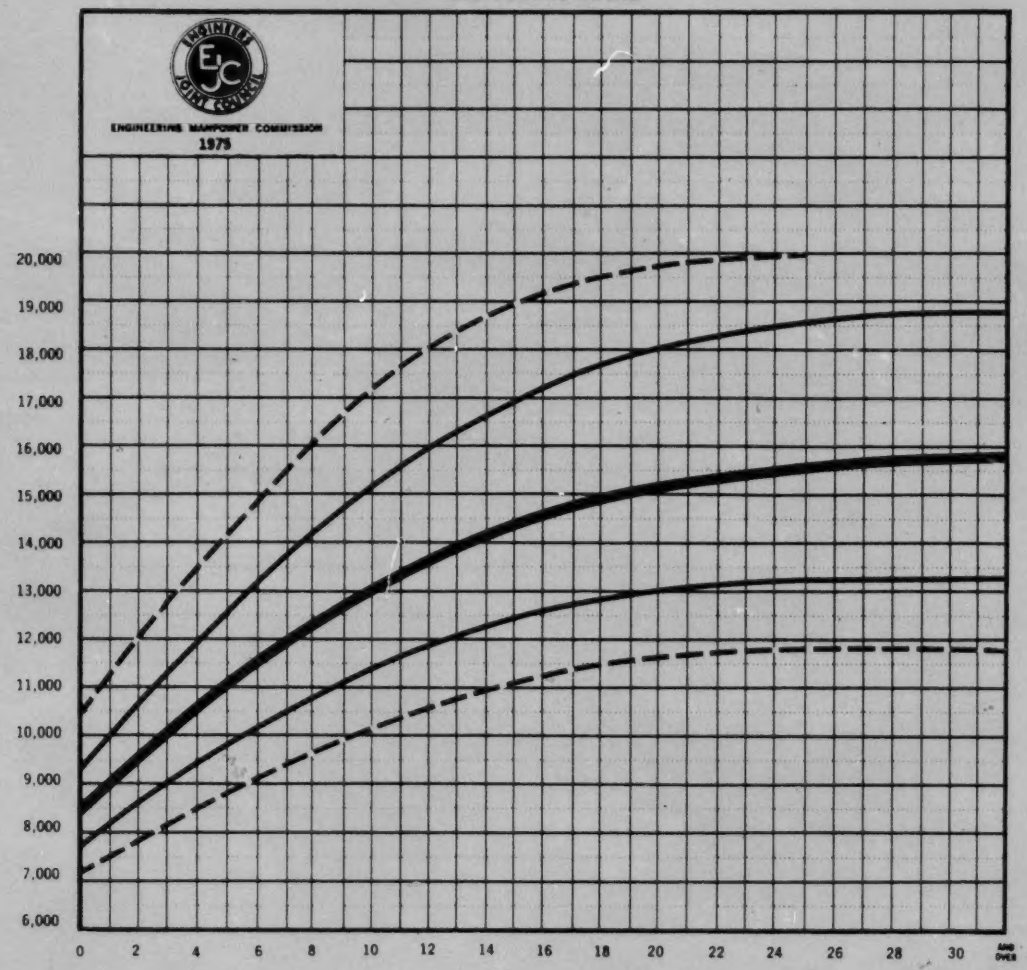


31

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

# ALL INDUSTRY, NORTH CENTRAL

## ALL TECHNICIANS




| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 10500 | 11250 | 12000 | 12750 | 13450 | 14200 | 14850 | 15500 | 16100 |
| UPPER QUARTILE | 9350 | 10000 | 10650 | 11300 | 11900 | 12550 | 13150 | 13700 | 14200 |
| MEDIAN | 8450 | 9000 | 9500 | 10000 | 10500 | 10950 | 11400 | 11850 | 12250 |
| LOWER QUARTILE | 7700 | 8150 | 8550 | 9000 | 9400 | 9800 | 10150 | 10500 | 10800 |
| LOWER DECILE | 7250 | 7600 | 7900 | 8200 | 8500 | 8800 | 9100 | 9350 | 9650 |
| MEAN | 8700 | 9250 | 9750 | 10300 | 10800 | 11300 | 11750 | 12200 | 12600 |
| TOTAL NUMBER | 117 | 169 | 244 | 272 | 252 | 277 | 318 | 304 | 332 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 |
| NUMBERS UNDER $ 7000 | 27 | 11 | 7 | 7 | 2 | 3 | 0 | 1 | 1 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 17150 | 18350 | 19150 | 19600 | 19900 | 20000 | | | |
| UPPER QUARTILE | 15200 | 16350 | 17250 | 17850 | 18250 | 18550 | 18700 | 18800 | 18850 |
| MEDIAN | 13000 | 13900 | 14550 | 15050 | 15350 | 15550 | 15700 | 15800 | 15800 |
| LOWER QUARTILE | 11400 | 12050 | 12550 | 12900 | 13100 | 13250 | 13300 | 13350 | 13350 |
| LOWER DECILE | 10100 | 10750 | 11200 | 11550 | 11700 | 11800 | 11800 | 11800 | 11700 |
| MEAN | 13300 | 14200 | 14800 | 15250 | 15550 | 15750 | 15850 | 15900 | 15950 |
| TOTAL NUMBER | 745 | 631 | 517 | 461 | 404 | 472 | 388 | 622 | 601 |
| NUMBERS OVER $20000 | 5 | 6 | 35 | 40 | 46 | 52 | 40 | 60 | 90 |
| NUMBERS UNDER $ 7000 | 1 | 0 | 0 | 3 | 0 | 2 | 2 | 2 | 0 |

**LEGEND**

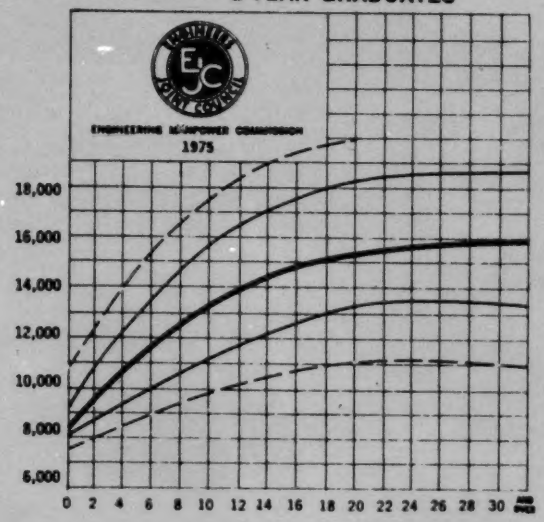
- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

NUMBER OF TECHNICIANS COVERED - 7130

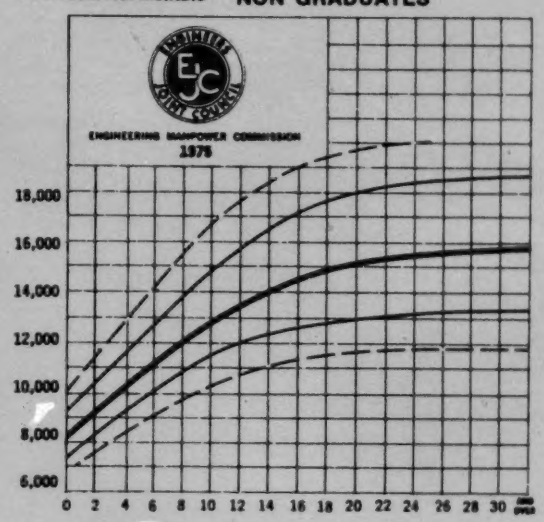
*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

# ALL INDUSTRY, NORTH CENTRAL

Annual Salary by Equivalent Years Since Graduation from Technical Institute* **2-YEAR GRADUATES**




Annual Salary by Equivalent Years Since Graduation from Technical Institute* **NON GRADUATES**




## 2-YEAR GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 10850 | 11600 | 12350 | 13100 | 13800 | 14500 | 15200 | 15850 | 16450 |
| UPPER QUARTILE | 9250 | 10000 | 10750 | 11500 | 12250 | 12950 | 13600 | 14200 | 14750 |
| MEDIAN | 8450 | 9050 | 9600 | 10100 | 10650 | 11150 | 11650 | 12100 | 12500 |
| LOWER QUARTILE | 8150 | 8450 | 8750 | 9050 | 9350 | 9700 | 10000 | 10300 | 10600 |
| LOWER DECILE | 7600 | 7850 | 8100 | 8350 | 8550 | 8800 | 9050 | 9250 | 9450 |
| MEAN | 8900 | 9450 | 9950 | 10500 | 11000 | 11450 | 11950 | 12350 | 12750 |
| TOTAL NUMBER | 54 | 134 | 165 | 147 | 108 | 146 | 168 | 127 | 144 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 |
| NUMBERS UNDER $ 7000 | 11 | 1 | 2 | 2 | 1 | 2 | 0 | 0 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 17500 | 18750 | 19500 | 19900 | | | | | |
| UPPER QUARTILE | 15700 | 16850 | 17600 | 18100 | 18400 | 18550 | 18650 | 18700 | 18750 |
| MEDIAN | 13250 | 14150 | 14800 | 15250 | 15550 | 15750 | 15900 | 15950 | 16000 |
| LOWER QUARTILE | 11150 | 11950 | 12600 | 13100 | 13400 | 13500 | 13500 | 13300 | 12800 |
| LOWER DECILE | 9850 | 10400 | 10750 | 11060 | 11150 | 11150 | 11100 | 10950 | 10600 |
| MEAN | 13450 | 14300 | 14900 | 15350 | 15650 | 15800 | 15900 | 16000 | 16000 |
| TOTAL NUMBER | 287 | 188 | 134 | 87 | 71 | 87 | 41 | 78 | 57 |
| NUMBERS OVER $20000 | 3 | 1 | 13 | 5 | 4 | 11 | 7 | 13 | 13 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 2223

## NON-GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 10150 | 10850 | 11550 | 12250 | 12950 | 13650 | 14350 | 15000 | 15600 |
| UPPER QUARTILE | 9300 | 9950 | 10650 | 11050 | 11600 | 12200 | 12800 | 13350 | 13900 |
| MEDIAN | 8350 | 8900 | 9400 | 9850 | 10350 | 10800 | 11250 | 11700 | 12100 |
| LOWER QUARTILE | 7300 | 7850 | 8350 | 8850 | 9300 | 9750 | 10150 | 10550 | 10900 |
| LOWER DECILE | | 7150 | 7600 | 8050 | 8450 | 8850 | 9200 | 9550 | 9850 |
| MEAN | 8406 | 8950 | 9500 | 10050 | 10550 | 11100 | 11550 | 12000 | 12450 |
| TOTAL NUMBER | 63 | 55 | 79 | 125 | 144 | 171 | 142 | 177 | 148 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 16 | 10 | 5 | 5 | 1 | 1 | 0 | 1 | 1 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 16750 | 18150 | 19100 | 19650 | 19950 | | | | |
| UPPER QUARTILE | 14900 | 16150 | 17150 | 17800 | 18250 | 18500 | 18650 | 18750 | 18800 |
| MEDIAN | 12850 | 13750 | 14450 | 14950 | 15300 | 15550 | 15700 | 15800 | 15800 |
| LOWER QUARTILE | 11500 | 12150 | 12650 | 12950 | 13100 | 13250 | 13300 | 13300 | 13300 |
| LOWER DECILE | 10350 | 10950 | 11300 | 11550 | 11700 | 11800 | 11850 | 11850 | 11850 |
| MEAN | 13200 | 14150 | 14800 | 15250 | 15550 | 15750 | 15850 | 15900 | 15900 |
| TOTAL NUMBER | 458 | 443 | 383 | 374 | 393 | 385 | 339 | 346 | 344 |
| NUMBERS OVER $26000 | 2 | 5 | 22 | 32 | 42 | 41 | 33 | 47 | 77 |
| NUMBERS UNDER $ 7000 | 1 | 0 | 0 | 3 | 0 | 2 | 2 | 2 | 0 |

NUMBER OF TECHNICIANS COVERED - 4907

**LEGEND**

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

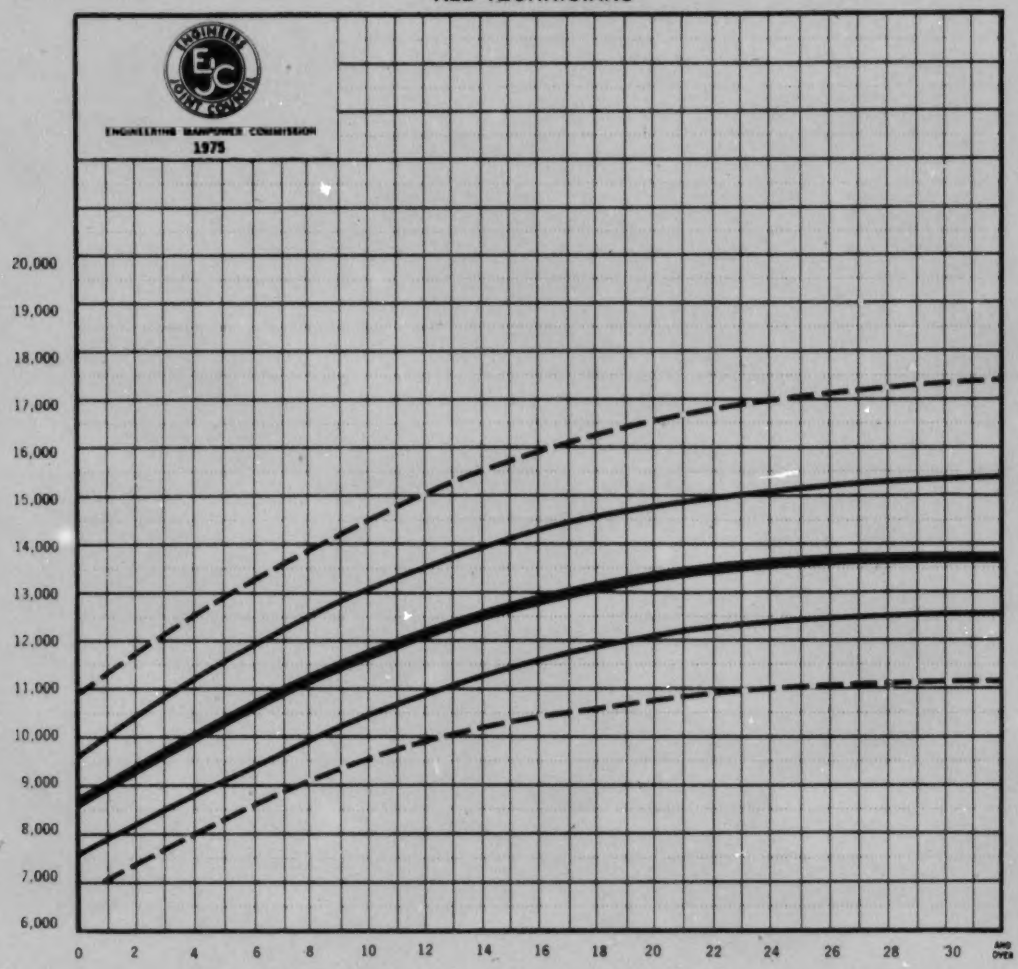


33

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

# ALL INDUSTRY, SOUTH

## ALL TECHNICIANS




| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 10950 | 11400 | 11750 | 12150 | 12550 | 12900 | 13250 | 13600 | 13900 |
| UPPER QUARTILE | 9600 | 10100 | 10400 | 10800 | 11150 | 11500 | 11850 | 12200 | 12500 |
| MEDIAN | 8600 | 8950 | 9300 | 9600 | 9950 | 10250 | 10550 | 10850 | 11150 |
| LOWER QUARTILE | 7550 | 7850 | 8150 | 8450 | 8750 | 9050 | 9350 | 9650 | 9900 |
| LOWER DECILE | | 7350 | 7600 | 7700 | 7950 | 8250 | 8500 | 8800 | 9050 |
| MEAN | 8750 | 9100 | 9450 | 9800 | 10150 | 10450 | 10800 | 11100 | 11350 |
| TOTAL NUMBER | 120 | 187 | 278 | 225 | 234 | 257 | 293 | 314 | 310 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| NUMBERS UNDER $ 7000 | 31 | 18 | 9 | 3 | 6 | 4 | 6 | 5 | 2 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 14500 | 15300 | 15900 | 16400 | 16800 | 17050 | 17250 | 17450 | 17550 |
| UPPER QUARTILE | 13050 | 13750 | 14300 | 14700 | 14950 | 15150 | 15300 | 15400 | 15450 |
| MEDIAN | 11650 | 12350 | 12850 | 13200 | 13450 | 13600 | 13650 | 13650 | 13600 |
| LOWER QUARTILE | 10450 | 11100 | 11500 | 12000 | 12250 | 12400 | 12500 | 12550 | 12550 |
| LOWER DECILE | 9500 | 10050 | 10450 | 10750 | 11000 | 11000 | 11050 | 11100 | 11100 |
| MEAN | 11900 | 12550 | 13050 | 13400 | 13650 | 13800 | 13900 | 14000 | 14050 |
| TOTAL NUMBER | 716 | 993 | 516 | 428 | 459 | 459 | 407 | 468 | 467 |
| NUMBERS OVER $20000 | 6 | 14 | 11 | 8 | 14 | 12 | 10 | 23 | 16 |
| NUMBERS UNDER $ 7000 | 1 | 1 | 1 | 0 | 0 | 2 | 1 | 0 | 3 |

NUMBER OF TECHNICIANS COVERED - 6729

**LEGEND**

- Upper Decile — — —
- Upper Quartile ———
- Median ▬▬▬
- Lower Quartile ———
- Lower Decile — — —

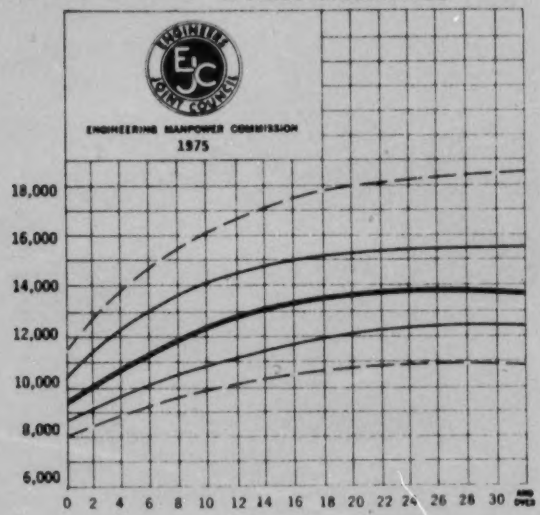
*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.



34

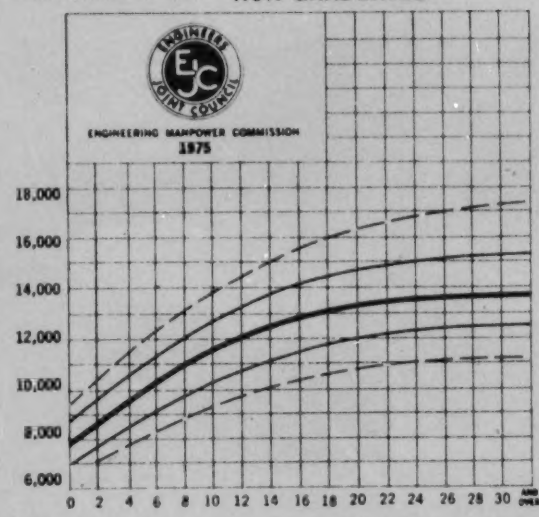
Annual Salary by Equivalent Years Since Graduation from Technical Institute*

## 2-YEAR GRADUATES




Annual Salary by Equivalent Years Since Graduation from Technical Institute*

## NON GRADUATES




## 2-YEAR GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 11600 | 12150 | 12700 | 13200 | 13700 | 14200 | 14650 | 15050 | 15450 |
| UPPER QUARTILE | 10400 | 10910 | 11350 | 11800 | 12200 | 12600 | 12950 | 13250 | 13550 |
| MEDIAN | 9450 | 9750 | 10100 | 10400 | 10700 | 11000 | 11300 | 11550 | 11800 |
| LOWER QUARTILE | 8750 | 9000 | 9250 | 9450 | 9650 | 9900 | 10150 | 10300 | 10500 |
| LOWER DECILE | 8050 | 8250 | 8500 | 8700 | 8850 | 9050 | 9250 | 9400 | 9600 |
| MEAN | 9700 | 10050 | 10400 | 10750 | 11050 | 11350 | 11650 | 11950 | 12200 |
| TOTAL NUMBER | 41 | 47 | 123 | 102 | 86 | 96 | 87 | 90 | 99 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| NUMBERS UNDER $ 7000 | 2 | 4 | 1 | 1 | 0 | 1 | 1 | 2 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 16100 | 16950 | 17450 | 17850 | 18100 | 18250 | 18350 | 18450 | 18450 |
| UPPER QUARTILE | 14050 | 14600 | 14950 | 15200 | 15350 | 15450 | 15500 | 15550 | 15550 |
| MEDIAN | 12750 | 12950 | 13300 | 13550 | 13700 | 13750 | 13700 | 13600 | 13450 |
| LOWER QUARTILE | 10850 | 11350 | 11750 | 12050 | 12250 | 12350 | 12400 | 12350 | 12250 |
| LOWER DECILE | 9900 | 10250 | 10550 | 10750 | 10900 | 10950 | 10950 | 10900 | 10800 |
| MEAN | 12700 | 13250 | 13650 | 13900 | 14050 | 14150 | 14150 | 14150 | 14100 |
| TOTAL NUMBER | 235 | 170 | 119 | 81 | 85 | 76 | 63 | 60 | 41 |
| NUMBERS OVER $20000 | 6 | 17 | 10 | 5 | 7 | 0 | 4 | 9 | 3 |
| NUMBERS UNDER $ 7000 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 1744

## NON-GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 9550 | 10300 | 10500 | 10950 | 11400 | 11850 | 12300 | 12700 | 13100 |
| UPPER QUARTILE | 8750 | 9250 | 9700 | 10150 | 10550 | 10950 | 11350 | 11750 | 12100 |
| MEDIAN | 7900 | 8350 | 8650 | 9050 | 9400 | 9800 | 10150 | 10500 | 10800 |
| LOWER QUARTILE | | 7350 | 7700 | 8050 | 8400 | 8750 | 9050 | 9400 | 9700 |
| LOWER DECILE | | | 7200 | 7450 | 7750 | 8000 | 8300 | 8550 | 8800 |
| MEAN | 7950 | 8350 | 8750 | 9150 | 9550 | 9950 | 10350 | 10650 | 10950 |
| TOTAL NUMBER | 79 | 90 | 155 | 123 | 152 | 161 | 206 | 224 | 219 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 29 | 14 | 7 | 2 | 6 | 3 | 1 | 3 | 2 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 13850 | 14800 | 15600 | 16150 | 16600 | 16900 | 17150 | 17300 | 17400 |
| UPPER QUARTILE | 12750 | 13550 | 14150 | 14550 | 14850 | 15050 | 15200 | 15300 | 15350 |
| MEDIAN | 11450 | 12300 | 12750 | 13150 | 13400 | 13550 | 13650 | 13650 | 13600 |
| LOWER QUARTILE | 10300 | 11000 | 11550 | 12000 | 12250 | 12400 | 12500 | 12550 | 12600 |
| LOWER DECILE | 9300 | 9950 | 10750 | 10700 | 10900 | 11050 | 11150 | 11100 | 11100 |
| MEAN | 11550 | 12300 | 12650 | 13050 | 13250 | 13450 | 13550 | 13550 | 13600 |
| TOTAL NUMBER | 441 | 423 | 398 | 367 | 374 | 387 | 344 | 408 | 422 |
| NUMBERS OVER $20000 | 0 | 1 | 1 | 3 | 7 | 2 | 6 | 14 | 13 |
| NUMBERS UNDER $ 7000 | 1 | 0 | 1 | 0 | 0 | 2 | 1 | 0 | 3 |

NUMBER OF TECHNICIANS COVERED - 4985

**LEGEND**

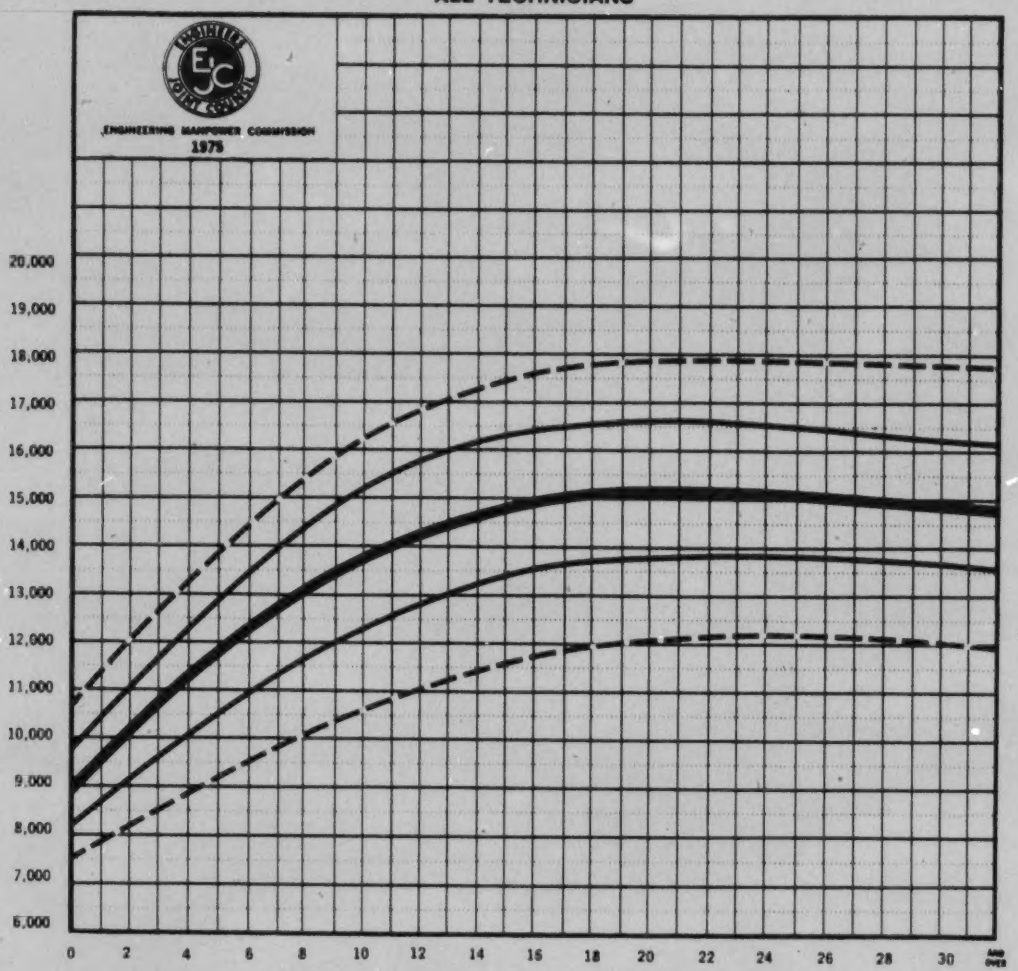
- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

# ALL INDUSTRY, WEST

## ALL TECHNICIANS




| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 10700 | 11750 | 12000 | 12650 | 13250 | 13850 | 14400 | 14950 | 15400 |
| UPPER QUARTILE | 9850 | 10450 | 11050 | 11700 | 12250 | 12850 | 13400 | 13900 | 14350 |
| MEDIAN | 9000 | 9600 | 10150 | 10700 | 11200 | 11750 | 12200 | 12700 | 13100 |
| LOWER QUARTILE | 8300 | 8750 | 9200 | 9600 | 10050 | 10500 | 10900 | 11250 | 11650 |
| LOWER DECILE | 7550 | 7950 | 8200 | 8500 | 8850 | 9150 | 9450 | 9750 | 10050 |
| MEAN | 9100 | 9650 | 10150 | 10700 | 11200 | 11700 | 12150 | 12550 | 12950 |
| TOTAL NUMBER | 28 | 107 | 85 | 97 | 112 | 91 | 129 | 114 | 96 |
| NUMBERS OVER $20000 | 4 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 5 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |

**LEGEND**

Upper Decile — — —
Upper Quartile ———
Median ▬▬▬
Lower Quartile ———
Lower Decile — — —

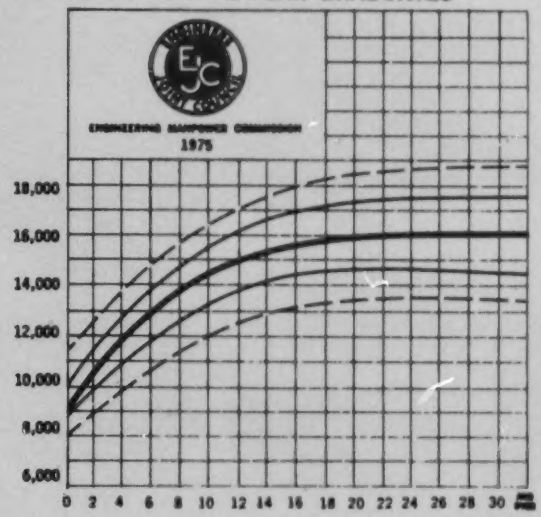
| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 16200 | 17100 | 17600 | 17850 | 17900 | 17850 | 17800 | 17750 | 17700 |
| UPPER QUARTILE | 15150 | 15950 | 16400 | 16550 | 16550 | 16450 | 16300 | 16150 | 16050 |
| MEDIAN | 13500 | 14550 | 14950 | 15100 | 15100 | 15000 | 14900 | 14750 | 14650 |
| LOWER QUARTILE | 12300 | 13050 | 13550 | 13800 | 13850 | 13800 | 13700 | 13550 | 13350 |
| LOWER DECILE | 10600 | 11250 | 11700 | 12000 | 12100 | 12150 | 12100 | 11950 | 11750 |
| MEAN | 13650 | 14400 | 14800 | 15000 | 15050 | 15000 | 14900 | 14800 | 14750 |
| TOTAL NUMBER | 207 | 281 | 256 | 237 | 162 | 166 | 159 | 252 | 247 |
| NUMBERS OVER $20000 | 2 | 1 | 4 | 2 | 1 | 4 | 3 | 5 | 8 |
| NUMBERS UNDER $ 7000 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 2967

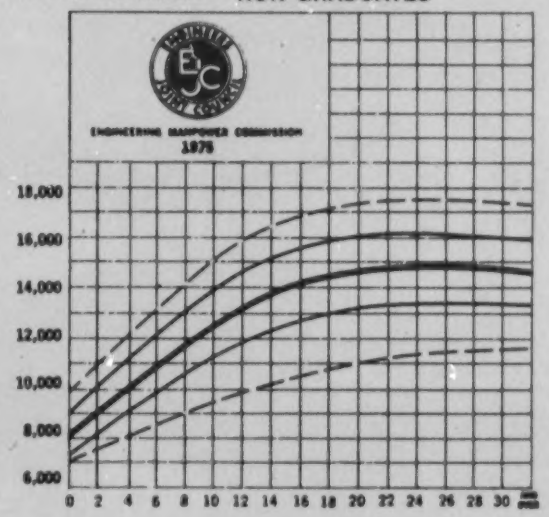
*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

# ALL INDUSTRY, WEST

Annual Salary by Equivalent Years Since Graduation from Technical Institute* **2-YEAR GRADUATES**




Annual Salary by Equivalent Years Since Graduation from Technical Institute* **NON GRADUATES**




## 2-YEAR GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 11400 | 12300 | 12950 | 13150 | 13650 | 14200 | 14700 | 15150 | 15600 |
| UPPER QUARTILE | 10100 | 10750 | 11400 | 12050 | 12650 | 13200 | 13750 | 14250 | 14700 |
| MEDIAN | 9150 | 9600 | 10500 | 11100 | 11700 | 12300 | 12850 | 13300 | 13750 |
| LOWER QUARTILE | 8650 | 9400 | 9900 | 10400 | 10850 | 11350 | 11750 | 12150 | 12550 |
| LOWER DECILE | 8100 | 8550 | 9000 | 9400 | 9850 | 10250 | 10650 | 11000 | 11350 |
| MEAN | 9500 | 10100 | 10650 | 11250 | 11750 | 12300 | 12750 | 13200 | 13650 |
| TOTAL NUMBER | 9 | 89 | 58 | 61 | 65 | 59 | 77 | 66 | 56 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 14400 | 17150 | 18000 | 18450 | 18650 | 18750 | 18750 | 18750 | 18700 |
| UPPER QUARTILE | 15500 | 14400 | 16950 | 17300 | 17450 | 17550 | 17600 | 17600 | 17600 |
| MEDIAN | 14500 | 15250 | 15650 | 15900 | 16000 | 16000 | 16050 | 16050 | 16050 |
| LOWER QUARTILE | 13200 | 13950 | 14350 | 14600 | 14650 | 14600 | 14550 | 14500 | 14400 |
| LOWER DECILE | 12000 | 12700 | 13150 | 13450 | 13550 | 13550 | 13550 | 13450 | 13400 |
| MEAN | 14350 | 15100 | 15600 | 15850 | 16000 | 16050 | 16050 | 16050 | 16050 |
| TOTAL NUMBER | 179 | 183 | 123 | 109 | 68 | 66 | 62 | 28 | 30 |
| NUMBERS OVER $20000 | 2 | 1 | 1 | 1 | 0 | 1 | 0 | 2 | 2 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 1306

## NON-GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 9900 | 10450 | 11050 | 11600 | 12150 | 12700 | 13200 | 13700 | 14200 |
| UPPER QUARTILE | 9000 | 9450 | 10150 | 10600 | 11150 | 11650 | 12150 | 12650 | 13100 |
| MEDIAN | 8100 | 8550 | 9200 | 9500 | 9950 | 10400 | 10900 | 11350 | 11750 |
| LOWER QUARTILE | 7300 | 7750 | 8150 | 8600 | 9000 | 9400 | 9800 | 10250 | 10600 |
| LOWER DECILE | 7050 | 7300 | 7600 | 7850 | 8100 | 8350 | 8650 | 8850 | 9050 |
| MEAN | 8300 | 8750 | 9250 | 9700 | 10150 | 10600 | 11050 | 11450 | 11850 |
| TOTAL NUMBER | 19 | 18 | 27 | 36 | 47 | 32 | 41 | 48 | 48 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 5 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 15450 | 16150 | 16850 | 17250 | 17450 | 17650 | 17600 | 17300 | 17200 |
| UPPER QUARTILE | 13950 | 14950 | 15650 | 16000 | 16150 | 16150 | 16050 | 15950 | 15800 |
| MEDIAN | 12550 | 13500 | 14150 | 14550 | 14750 | 14800 | 14750 | 14600 | 14450 |
| LOWER QUARTILE | 11250 | 12100 | 12750 | 13100 | 13300 | 13450 | 13400 | 13350 | 13300 |
| LOWER DECILE | 9500 | 10950 | 10550 | 10960 | 11200 | 11400 | 11550 | 11700 | 11750 |
| MEAN | 12550 | 13450 | 14050 | 14400 | 14600 | 14650 | 14650 | 14600 | 14550 |
| TOTAL NUMBER | 118 | 118 | 137 | 128 | 114 | 142 | 117 | 224 | 257 |
| NUMBERS OVER $20000 | 2 | 0 | 3 | 1 | 1 | 3 | 3 | 3 | 6 |
| NUMBERS UNDER $ 7000 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 1661

**LEGEND**

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

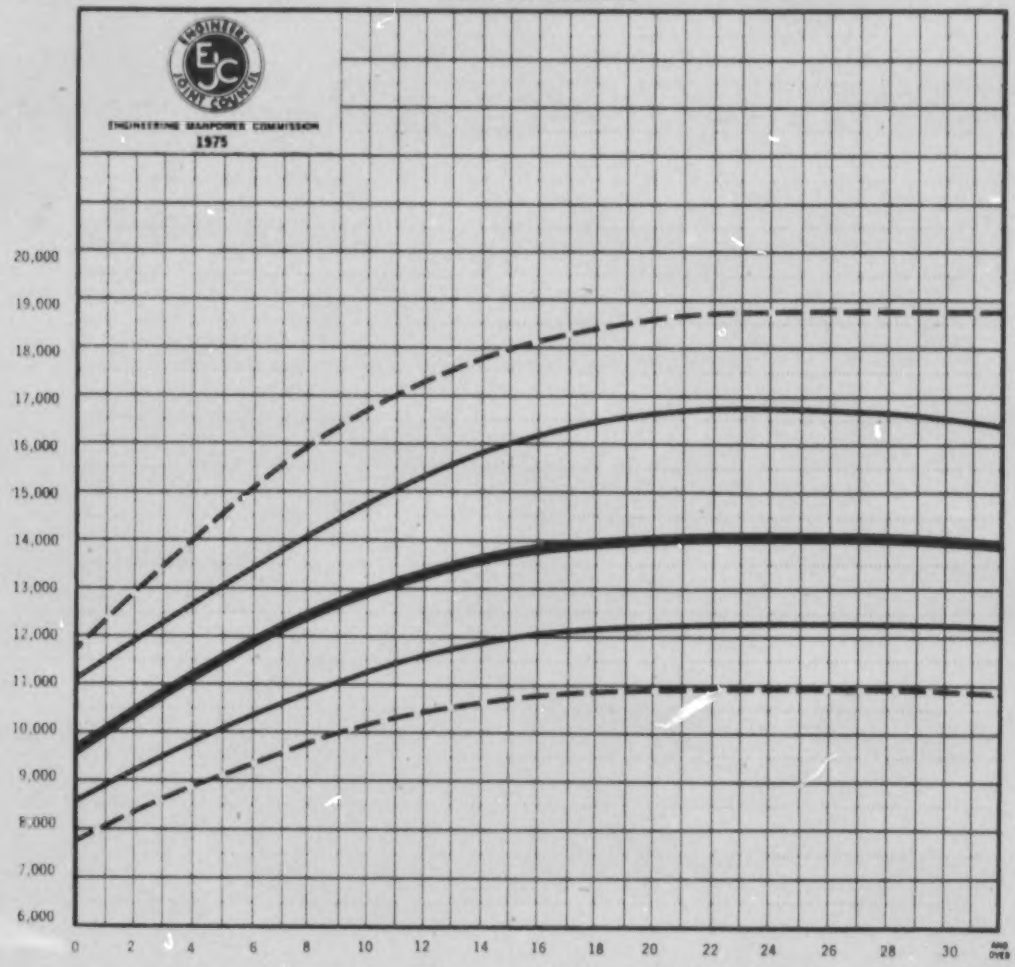


37

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

# ALL INDUSTRY, LARGE

## ALL TECHNICIANS




| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 11700 | 12300 | 12850 | 13450 | 14000 | 14550 | 15050 | 15500 | 15950 |
| UPPER QUARTILE | 11100 | 11500 | 11900 | 12320 | 12700 | 13050 | 13450 | 13800 | 14150 |
| MEDIAN | 9600 | 10000 | 10400 | 10750 | 11100 | 11450 | 11800 | 12100 | 12400 |
| LOWER QUARTILE | 8550 | 8850 | 9200 | 9500 | 9800 | 10100 | 10350 | 10600 | 10850 |
| LOWER DECILE | 7800 | 8050 | 8350 | 8630 | 8900 | 9100 | 9350 | 9550 | 9750 |
| MEAN | 9750 | 10150 | 10550 | 10950 | 11300 | 11650 | 12000 | 12300 | 12600 |
| TOTAL NUMBER | 157 | 302 | 598 | 632 | 685 | 795 | 856 | 995 | 1073 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 8 | 7 | 3 | 1 | 1 | 0 | 1 | 1 | 2 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 16700 | 17550 | 18150 | 18500 | 18650 | 18750 | 18750 | 18750 | 18700 |
| UPPER QUARTILE | 14750 | 15550 | 16150 | 16550 | 16750 | 16750 | 16650 | 16400 | 16000 |
| MEDIAN | 12900 | 13450 | 13850 | 14000 | 14050 | 14050 | 14000 | 13900 | 13750 |
| LOWER QUARTILE | 11250 | 11750 | 12050 | 12200 | 12250 | 12250 | 12200 | 12150 | 12050 |
| LOWER DECILE | 10150 | 10550 | 10800 | 10940 | 10950 | 10950 | 10900 | 10800 | 10700 |
| MEAN | 13150 | 13750 | 14100 | 14350 | 14400 | 14400 | 14350 | 14300 | 14200 |
| TOTAL NUMBER | 2372 | 2837 | 1747 | 1580 | 1438 | 1331 | 1213 | 1631 | 1438 |
| NUMBERS OVER $20000 | 0 | 2 | 6 | 5 | 8 | 22 | 15 | 21 | 36 |
| NUMBERS UNDER $ 7000 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 |

NUMBER OF TECHNICIANS COVERED - 20960

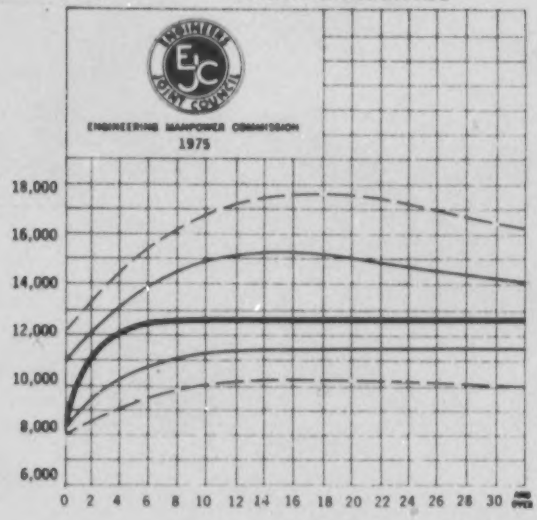
**LEGEND**

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

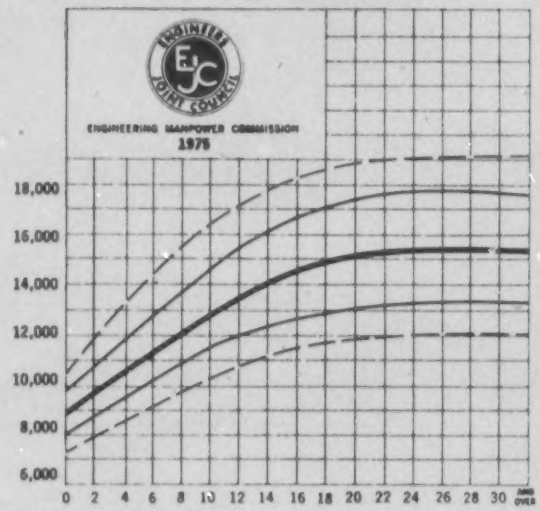
*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.


38

Annual Salary by Equivalent Years Since Graduation from Technical Institute* **2-YEAR GRADUATES**




Annual Salary by Equivalent Years Since Graduation from Technical Institute* **NON GRADUATES**




## 2-YEAR GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 12100 | 12650 | 13200 | 13750 | 14300 | 14800 | 15250 | 15700 | 16050 |
| UPPER QUARTILE | 11000 | 11550 | 12100 | 12600 | 13100 | 13500 | 13900 | 14250 | 14500 |
| MEDIAN | 8550 | 10150 | 11200 | 11850 | 12200 | 12400 | 12500 | 12550 | 12550 |
| LOWER QUARTILE | 8450 | 9000 | 9500 | 9900 | 10200 | 10450 | 10700 | 10850 | 11000 |
| LOWER DECILE | 8000 | 8350 | 8600 | 8900 | 9150 | 9350 | 9550 | 9700 | 9850 |
| MEAN | 9850 | 10400 | 10900 | 11350 | 11750 | 12100 | 12400 | 12650 | 12850 |
| TOTAL NUMBER | 187 | 263 | 376 | 412 | 398 | 456 | 535 | 583 | 609 |
| NUMBERS OVER $20000 | 3 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 4 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 16750 | 17400 | 17650 | 17650 | 17400 | 17050 | 16700 | 16250 | 15750 |
| UPPER QUARTILE | 14950 | 15250 | 15250 | 15100 | 14800 | 14550 | 14300 | 14050 | 13850 |
| MEDIAN | 12600 | 12600 | 12600 | 12600 | 12600 | 12600 | 12600 | 12600 | 12600 |
| LOWER QUARTILE | 11200 | 11350 | 11400 | 11450 | 11450 | 11450 | 11450 | 11450 | 11450 |
| LOWER DECILE | 10050 | 10200 | 10250 | 10200 | 10150 | 10100 | 10050 | 10000 | 9950 |
| MEAN | 13150 | 13300 | 13300 | 13250 | 13150 | 13050 | 13000 | 12950 | 12950 |
| TOTAL NUMBER | 1301 | 1055 | 797 | 728 | 598 | 553 | 486 | 662 | 699 |
| NUMBERS OVER $20000 | 0 | 2 | 5 | 4 | 3 | 13 | 7 | 12 | 17 |
| NUMBERS UNDER $ 7000 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 10602

## NON-GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 10500 | 11150 | 11850 | 12500 | 13200 | 13850 | 14450 | 15050 | 15550 |
| UPPER QUARTILE | 9850 | 10350 | 10850 | 11350 | 11850 | 12350 | 12850 | 13300 | 13800 |
| MEDIAN | 8900 | 9300 | 9700 | 10150 | 10550 | 10950 | 11350 | 11750 | 12150 |
| LOWER QUARTILE | 8050 | 8450 | 8800 | 9150 | 9500 | 9850 | 10200 | 10550 | 10850 |
| LOWER DECILE | 7300 | 7600 | 7950 | 8250 | 8550 | 8850 | 9150 | 9450 | 9750 |
| MEAN | 9000 | 9450 | 9850 | 10300 | 10750 | 11200 | 11600 | 12000 | 12400 |
| TOTAL NUMBER | 58 | 119 | 222 | 220 | 287 | 339 | 321 | 412 | 484 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 4 | 6 | 2 | 1 | 1 | 0 | 1 | 1 | 1 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 16550 | 17650 | 18350 | 18750 | 19000 | 19100 | 19100 | 19100 | 19100 |
| UPPER QUARTILE | 14650 | 15800 | 16700 | 17300 | 17650 | 17750 | 17750 | 17600 | 17350 |
| MEDIAN | 12850 | 13800 | 14500 | 14950 | 15250 | 15350 | 15350 | 15250 | 15050 |
| LOWER QUARTILE | 11450 | 12150 | 12700 | 13050 | 13250 | 13350 | 13350 | 13250 | 13150 |
| LOWER DECILE | 10250 | 10900 | 11400 | 11750 | 11950 | 12050 | 12050 | 12000 | 11850 |
| MEAN | 13100 | 14000 | 14650 | 15100 | 15350 | 15400 | 15400 | 15350 | 15250 |
| TOTAL NUMBER | 1071 | 982 | 950 | 880 | 848 | 778 | 727 | 969 | 739 |
| NUMBERS OVER $20000 | 8 | 8 | 3 | 1 | 5 | 9 | 8 | 9 | 19 |
| NUMBERS UNDER $ 7000 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1 |

NUMBER OF TECHNICIANS COVERED - 10358

**LEGEND**

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

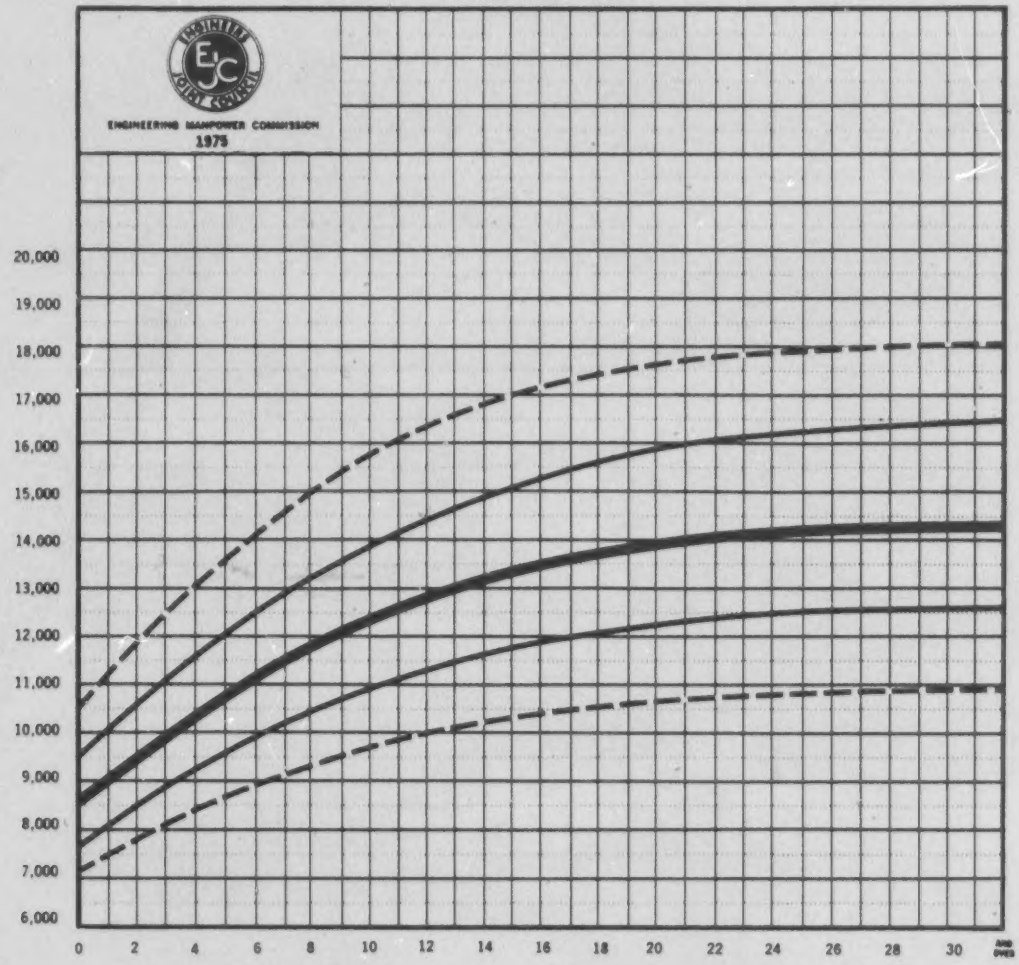


39

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

# ALL INDUSTRY, MEDIUM

## ALL TECHNICIANS




| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 10600 | 11250 | 11900 | 12500 | 13050 | 13600 | 14100 | 14600 | 15000 |
| UPPER QUARTILE | 9600 | 10150 | 10650 | 11100 | 11600 | 12050 | 12450 | 12850 | 13250 |
| MEDIAN | 8600 | 9050 | 9500 | 9950 | 10350 | 10750 | 11100 | 11450 | 11750 |
| LOWER QUARTILE | 7750 | 8150 | 8500 | 8900 | 9250 | 9550 | 9900 | 10150 | 10450 |
| LOWER DECILE | 7200 | 7500 | 7800 | 8100 | 8400 | 8650 | 8900 | 9100 | 9300 |
| MEAN | 8650 | 9300 | 9750 | 10150 | 10550 | 10950 | 11300 | 11650 | 11950 |
| TOTAL NUMBER | 214 | 395 | 438 | 425 | 427 | 424 | 462 | 442 | 494 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| NUMBERS UNDER $ 7000 | 55 | 16 | 8 | 9 | 10 | 6 | 4 | 2 | 2 |

**LEGEND**

Upper Decile — — —
Upper Quartile ———
Median ▬▬▬
Lower Quartile ———
Lower Decile — — —

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 15750 | 16600 | 17150 | 17550 | 17800 | 17950 | 18000 | 18050 | 18100 |
| UPPER QUARTILE | 13900 | 14750 | 15350 | 15800 | 16100 | 16300 | 16400 | 16500 | 16550 |
| MEDIAN | 12300 | 13000 | 13450 | 13800 | 14050 | 14200 | 14250 | 14300 | 14350 |
| LOWER QUARTILE | 10900 | 11500 | 11900 | 12200 | 12350 | 12500 | 12550 | 12600 | 12600 |
| LOWER DECILE | 9650 | 10100 | 10400 | 10650 | 10750 | 10850 | 10900 | 10950 | 10950 |
| MEAN | 12500 | 13150 | 13650 | 14000 | 14200 | 14350 | 14450 | 14500 | 14550 |
| TOTAL NUMBER | 1100 | 900 | 778 | 692 | 620 | 666 | 605 | 889 | 897 |
| NUMBERS OVER $20000 | 9 | 16 | 15 | 17 | 26 | 12 | 24 | 34 | 35 |
| NUMBERS UNDER $ 7000 | 5 | 1 | 1 | 2 | 0 | 3 | 2 | 2 | 2 |

NUMBER OF TECHNICIANS COVERED - 10820

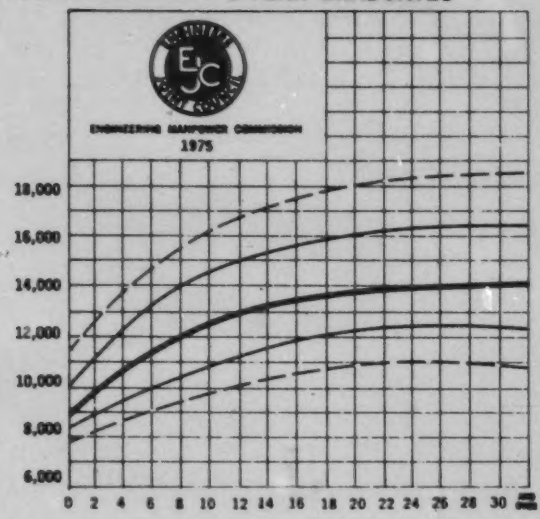
*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.



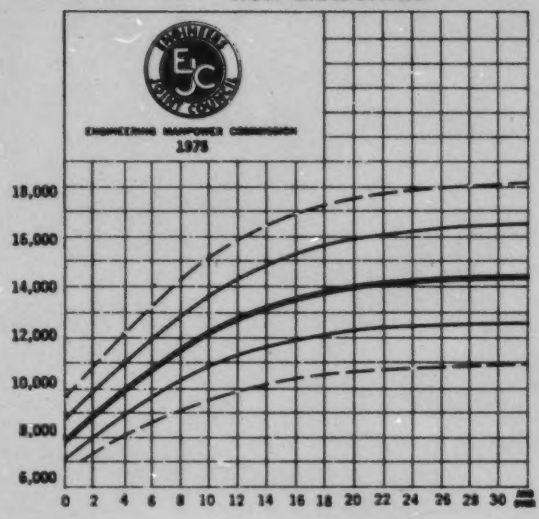
40

# ALL INDUSTRY, MEDIUM

Annual Salary by Equivalent Years Since Graduation from Technical Institute* **2-YEAR GRADUATES**




Annual Salary by Equivalent Years Since Graduation from Technical Institute* **NON GRADUATES**




## 2-YEAR GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 11500 | 12050 | 12600 | 13150 | 13700 | 14150 | 14600 | 15050 | 15450 |
| UPPER QUARTILE | 10100 | 10650 | 11200 | 11700 | 12200 | 12650 | 13050 | 13450 | 13800 |
| MEDIAN | 9000 | 9450 | 9900 | 10300 | 10700 | 11100 | 11400 | 11750 | 12000 |
| LOWER QUARTILE | 8500 | 8750 | 9000 | 9250 | 9500 | 9750 | 10000 | 10200 | 10450 |
| LOWER DECILE | 7800 | 8050 | 8250 | 8450 | 8650 | 8850 | 9050 | 9250 | 9450 |
| MEAN | 9400 | 9800 | 10250 | 10600 | 11000 | 11350 | 11650 | 12000 | 12250 |
| TOTAL NUMBER | 85 | 261 | 269 | 250 | 226 | 205 | 237 | 188 | 219 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| NUMBERS UNDER $ 7000 | 13 | 4 | 2 | 4 | 1 | 3 | 3 | 1 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 16150 | 16950 | 17550 | 17950 | 18250 | 18450 | 18550 | 18600 | 18650 |
| UPPER QUARTILE | 14450 | 15150 | 15650 | 16000 | 16200 | 16350 | 16400 | 16450 | 16500 |
| MEDIAN | 12500 | 13050 | 13450 | 13750 | 13900 | 14000 | 14050 | 14100 | 14100 |
| LOWER QUARTILE | 10850 | 11450 | 11900 | 12200 | 12400 | 12450 | 12450 | 12300 | 11950 |
| LOWER DECILE | 9800 | 10250 | 10600 | 10850 | 11000 | 11050 | 11050 | 10800 | 10400 |
| MEAN | 12750 | 13350 | 13800 | 14100 | 14300 | 14400 | 14500 | 14500 | 14550 |
| TOTAL NUMBER | 444 | 323 | 208 | 159 | 142 | 141 | 102 | 119 | 76 |
| NUMBERS OVER $20000 | 8 | 14 | 12 | 6 | 9 | 3 | 5 | 11 | 5 |
| NUMBERS UNDER $ 7000 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 3646

## NON-GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 9650 | 10300 | 10900 | 11550 | 12150 | 12750 | 13300 | 13800 | 14300 |
| UPPER QUARTILE | 8750 | 9350 | 9900 | 10450 | 11000 | 11500 | 12000 | 12450 | 12900 |
| MEDIAN | 7900 | 8400 | 8950 | 9450 | 9900 | 10400 | 10800 | 11200 | 11600 |
| LOWER QUARTILE | 7150 | 7650 | 8100 | 8500 | 8950 | 9300 | 9700 | 10000 | 10350 |
| LOWER DECILE | | 7000 | 7400 | 7760 | 8050 | 8350 | 8650 | 8900 | 9150 |
| MEAN | 8100 | 8600 | 9100 | 9600 | 10050 | 10500 | 10900 | 11300 | 11650 |
| TOTAL NUMBER | 129 | 94 | 161 | 175 | 201 | 219 | 225 | 262 | 275 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 42 | 12 | 6 | 5 | 9 | 3 | 1 | 2 | 2 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 15150 | 16200 | 16900 | 17400 | 17750 | 17950 | 18050 | 18150 | 18150 |
| UPPER QUARTILE | 13650 | 14600 | 15250 | 15750 | 16050 | 16250 | 16400 | 16450 | 16500 |
| MEDIAN | 12250 | 13000 | 13500 | 13850 | 14100 | 14200 | 14300 | 14350 | 14350 |
| LOWER QUARTILE | 10900 | 11500 | 11950 | 12250 | 12450 | 12550 | 12600 | 12650 | 12650 |
| LOWER DECILE | 9550 | 10050 | 10400 | 10600 | 10750 | 10850 | 10900 | 10950 | 10950 |
| MEAN | 12300 | 13050 | 13600 | 13950 | 14200 | 14350 | 14450 | 14500 | 14500 |
| TOTAL NUMBER | 656 | 577 | 578 | 533 | 478 | 525 | 583 | 770 | 821 |
| NUMBERS OVER $20000 | 1 | 2 | 3 | 11 | 17 | 9 | 19 | 23 | 30 |
| NUMBERS UNDER $ 7000 | 5 | 0 | 1 | 2 | 0 | 3 | 2 | 2 | 2 |

NUMBER OF TECHNICIANS COVERED - 7174

**LEGEND**

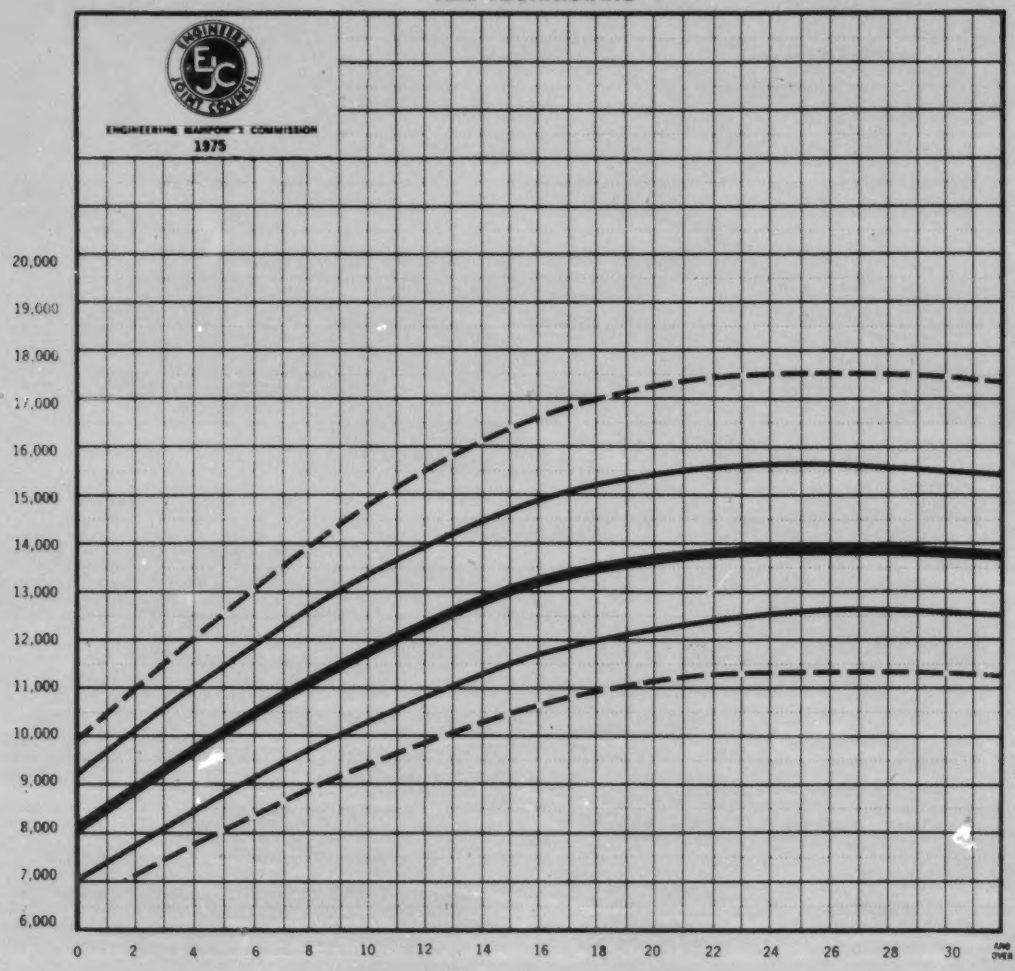
- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

# ALL INDUSTRY, SMALL

## ALL TECHNICIANS




| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 10000 | 10500 | 11040 | 11500 | 12000 | 12500 | 13000 | 13450 | 13950 |
| UPPER QUARTILE | 9200 | 9650 | 10100 | 10550 | 11000 | 11400 | 11850 | 12250 | 12650 |
| MEDIAN | 8100 | 8500 | 8900 | 9300 | 9650 | 10050 | 10450 | 10800 | 11150 |
| LOWER QUARTILE | 7050 | 7400 | 7750 | 8050 | 8400 | 8750 | 9050 | 9400 | 9700 |
| LOWER DECILE | | | 7150 | 7450 | 7750 | 8050 | 8300 | 8600 | 8900 |
| MEAN | 8250 | 8650 | 9050 | 9400 | 9800 | 10200 | 10550 | 10950 | 11300 |
| TOTAL NUMBER | 107 | 119 | 152 | 207 | 178 | 169 | 228 | 215 | 205 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 33 | 15 | 10 | 18 | 3 | 3 | 1 | 4 | 4 |

**LEGEND**

Upper Decile — — —
Upper Quartile ———
Median ▬▬▬
Lower Quartile ———
Lower Decile — — —

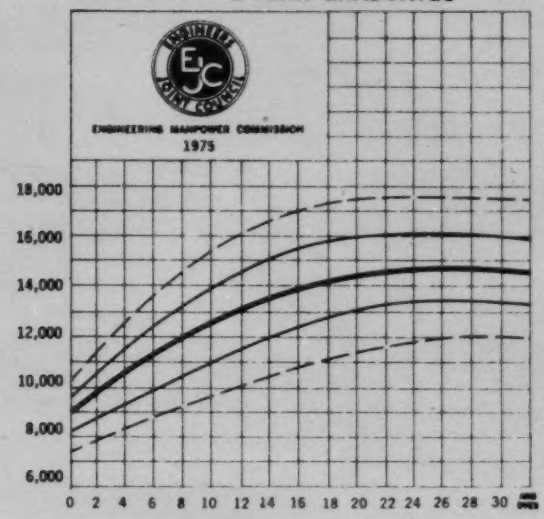
| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 14800 | 15850 | 16650 | 17150 | 17450 | 17500 | 17500 | 17350 | 17100 |
| UPPER QUARTILE | 13350 | 14300 | 14950 | 15350 | 15550 | 15600 | 15550 | 15450 | 15250 |
| MEDIAN | 11800 | 12600 | 13200 | 13600 | 13800 | 13900 | 13850 | 13750 | 13600 |
| LOWER QUARTILE | 10300 | 11100 | 11750 | 12200 | 12450 | 12600 | 12600 | 12500 | 12300 |
| LOWER DECILE | 9400 | 10100 | 10650 | 11000 | 11250 | 11300 | 11350 | 11250 | 11100 |
| MEAN | 11950 | 12800 | 13450 | 13850 | 14100 | 14200 | 14200 | 14100 | 13900 |
| TOTAL NUMBER | 429 | 432 | 350 | 329 | 261 | 274 | 242 | 330 | 411 |
| NUMBERS OVER $20000 | 4 | 2 | 8 | 7 | 16 | 8 | 11 | 12 | 13 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 1 | 1 | 0 | 2 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 4638

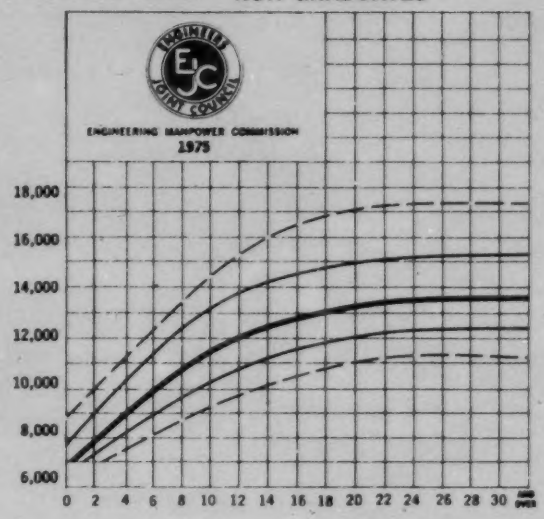
*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

# ALL INDUSTRY, SMALL

Annual Salary by Equivalent Years Since Graduation from Technical Institute* **2-YEAR GRADUATES**




Annual Salary by Equivalent Years Since Graduation from Technical Institute* **NON GRADUATES**




## 2-YEAR GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 10250 | 10850 | 11400 | 12000 | 12550 | 13050 | 13600 | 14100 | 14550 |
| UPPER QUARTILE | 9650 | 10100 | 10600 | 11050 | 11500 | 11950 | 12350 | 12800 | 13200 |
| MEDIAN | 9000 | 9400 | 9750 | 10100 | 10450 | 10800 | 11150 | 11500 | 11850 |
| LOWER QUARTILE | 8200 | 8450 | 8700 | 9000 | 9250 | 9550 | 9800 | 10100 | 10350 |
| LOWER DECILE | 7550 | 7750 | 7950 | 8150 | 8350 | 8550 | 8800 | 9000 | 9200 |
| MEAN | 9050 | 9400 | 9750 | 10100 | 10450 | 10800 | 11150 | 11500 | 11850 |
| TOTAL NUMBER | 47 | 77 | 85 | 81 | 68 | 69 | 76 | 69 | 86 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 2 | 1 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 15400 | 16350 | 17000 | 17400 | 17550 | 17600 | 17600 | 17550 | 17500 |
| UPPER QUARTILE | 13900 | 14850 | 15550 | 15900 | 16050 | 16100 | 16050 | 15900 | 15700 |
| MEDIAN | 12450 | 13300 | 13900 | 14350 | 14600 | 14700 | 14650 | 14450 | 14050 |
| LOWER QUARTILE | 10900 | 11650 | 12350 | 12900 | 13300 | 13500 | 13500 | 13300 | 12450 |
| LOWER DECILE | 9650 | 10250 | 10800 | 11300 | 11650 | 11900 | 12050 | 11950 | 11400 |
| MEAN | 12500 | 13350 | 14000 | 14450 | 14750 | 14850 | 14800 | 14650 | 14300 |
| TOTAL NUMBER | 157 | 143 | 106 | 105 | 63 | 65 | 51 | 67 | 78 |
| NUMBERS OVER $20000 | 1 | 0 | 5 | 4 | 7 | 3 | 3 | 4 | 5 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 1493

## NON-GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 8850 | 9450 | 10050 | 10650 | 11250 | 11850 | 12400 | 12950 | 13500 |
| UPPER QUARTILE | 7750 | 8400 | 9100 | 9700 | 10350 | 10900 | 11450 | 11950 | 12400 |
| MEDIAN | | 7450 | 8000 | 8500 | 9000 | 9500 | 9950 | 10400 | 10800 |
| LOWER QUARTILE | | 7000 | 7350 | 7750 | 8150 | 8500 | 8900 | 9250 | 9550 |
| LOWER DECILE | | | | 7200 | 7500 | 7800 | 8100 | 8400 | 8700 |
| MEAN | 7400 | 7850 | 8350 | 8850 | 9300 | 9750 | 10200 | 10600 | 11000 |
| TOTAL NUMBER | 60 | 42 | 67 | 126 | 110 | 100 | 152 | 146 | 119 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 32 | 14 | 9 | 17 | 3 | 3 | 1 | 2 | 3 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 14450 | 15650 | 16450 | 16950 | 17200 | 17250 | 17300 | 17250 | 17200 |
| UPPER QUARTILE | 13150 | 14000 | 14550 | 14900 | 15100 | 15200 | 15250 | 15300 | 15300 |
| MEDIAN | 11450 | 12300 | 12850 | 13200 | 13400 | 13550 | 13600 | 13650 | 13650 |
| LOWER QUARTILE | 10200 | 11000 | 11600 | 11950 | 12200 | 12300 | 12350 | 12350 | 12350 |
| LOWER DECILE | 9250 | 9950 | 10500 | 10900 | 11150 | 11250 | 11250 | 11150 | 10950 |
| MEAN | 11750 | 12600 | 13200 | 13550 | 13750 | 13850 | 13900 | 13950 | 13950 |
| TOTAL NUMBER | 272 | 289 | 244 | 224 | 198 | 209 | 191 | 263 | 333 |
| NUMBERS OVER $20000 | 3 | 2 | 4 | 3 | 9 | 5 | 5 | 8 | 8 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 1 | 1 | 0 | 2 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 3145

**LEGEND**

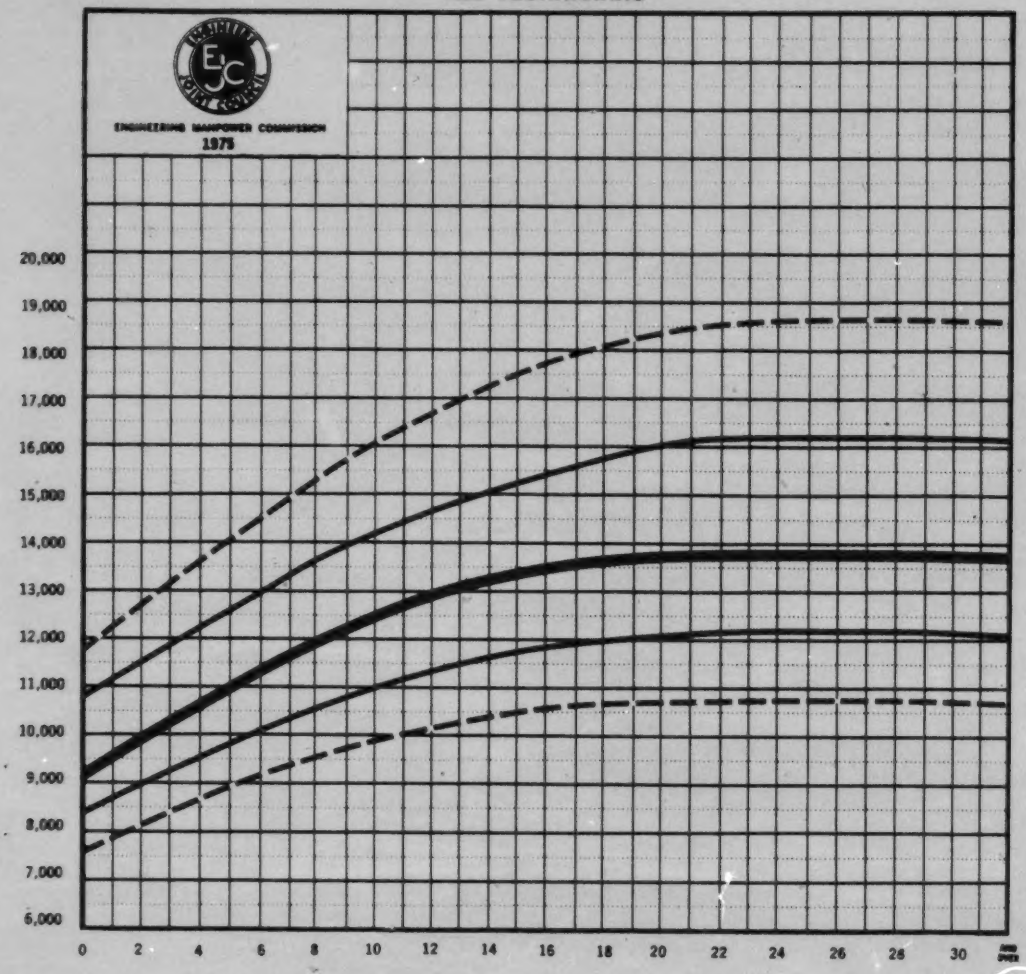
- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

# ALL MANUFACTURING INDUSTRY

## ALL TECHNICIANS




| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 11800 | 12250 | 12750 | 13200 | 13650 | 14100 | 14550 | 14950 | 15350 |
| UPPER QUARTILE | 10950 | 11300 | 11650 | 11950 | 12300 | 12650 | 12950 | 13300 | 13600 |
| MEDIAN | 9300 | 9700 | 10050 | 10400 | 10700 | 11050 | 11350 | 11650 | 11900 |
| LOWER QUARTILE | 8450 | 8750 | 9050 | 9350 | 9600 | 9850 | 10100 | 10350 | 10600 |
| LOWER DECILE | 7700 | 8000 | 8250 | 8500 | 8750 | 9000 | 9200 | 9400 | 9600 |
| MEAN | 9650 | 10000 | 10350 | 10700 | 11050 | 11350 | 11650 | 11950 | 12200 |
| TOTAL NUMBER | 238 | 505 | 740 | 827 | 801 | 958 | 948 | 1141 | 1287 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 |
| NUMBERS UNDER $ 7000 | 14 | 13 | 7 | 5 | 0 | 1 | 0 | 1 | 2 |

**LEGEND**

Upper Decile — — —
Upper Quartile ———
Median ▬▬▬
Lower Quartile ———
Lower Decile — — —

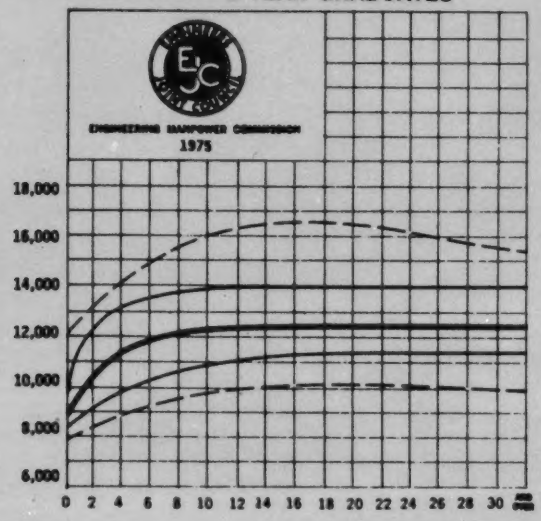
| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 16100 | 17050 | 17750 | 18250 | 18500 | 18600 | 18650 | 18550 | 18350 |
| UPPER QUARTILE | 14150 | 14850 | 15450 | 15850 | 16100 | 16200 | 16200 | 16100 | 15850 |
| MEDIAN | 12400 | 13000 | 13600 | 14000 | 14150 | 14200 | 14200 | 14100 | 14000 |
| LOWER QUARTILE | 11000 | 11500 | 11850 | 12050 | 12150 | 12150 | 12150 | 12050 | 11900 |
| LOWER DECILE | 9950 | 10350 | 10550 | 10700 | 10750 | 10750 | 10750 | 10700 | 10650 |
| MEAN | 12700 | 13300 | 13750 | 14000 | 14150 | 14200 | 14200 | 14100 | 14000 |
| TOTAL NUMBER | 2748 | 2449 | 2045 | 1904 | 1762 | 1663 | 1538 | 2133 | 1989 |
| NUMBERS OVER $20000 | 5 | 7 | 33 | 38 | 39 | 47 | 36 | 54 | 99 |
| NUMBERS UNDER $ 7000 | 0 | 2 | 1 | 2 | 0 | 3 | 3 | 2 | 3 |

NUMBER OF TECHNICIANS COVERED = 25704

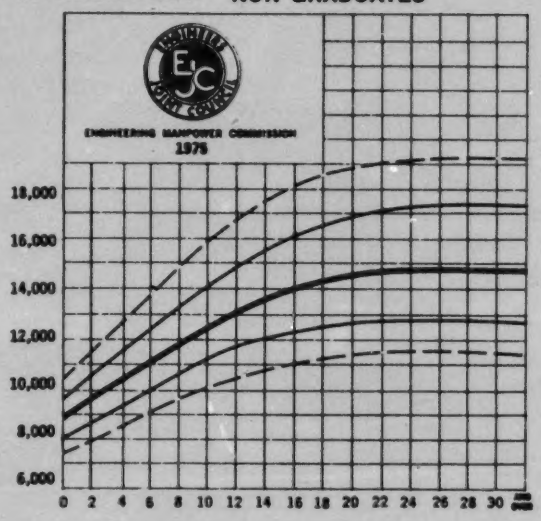
*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

# ALL MANUFACTURING INDUSTRY

**Annual Salary by Equivalent Years Since Graduation from Technical Institute* 2-YEAR GRADUATES**




**Annual Salary by Equivalent Years Since Graduation from Technical Institute* NON GRADUATES**




## 2-YEAR GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 12100 | 12650 | 13150 | 13600 | 14050 | 14500 | 14850 | 15200 | 15550 |
| UPPER QUARTILE | 11000 | 11700 | 12700 | 12800 | 13200 | 13500 | 13650 | 13750 | 13850 |
| MEDIAN | 8950 | 9900 | 10500 | 11650 | 11400 | 11700 | 11900 | 12050 | 12150 |
| LOWER QUARTILE | 8450 | 8650 | 9200 | 9650 | 9850 | 10100 | 10300 | 10500 | 10650 |
| LOWER DECILE | 7950 | 8200 | 9450 | 8700 | 9900 | 9100 | 9300 | 9450 | 9600 |
| MEAN | 9500 | 10150 | 11750 | 11200 | 11550 | 11850 | 12050 | 12250 | 12350 |
| TOTAL NUMBER | 150 | 350 | 466 | 529 | 452 | 537 | 577 | 624 | 672 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 |
| NUMBERS UNDER $ 7000 | 4 | 5 | 1 | 0 | 0 | 1 | 0 | 0 | 1 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 16050 | 16500 | 16650 | 16550 | 16350 | 16050 | 15750 | 15400 | 15050 |
| UPPER QUARTILE | 13900 | 13950 | 13950 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 |
| MEDIAN | 12250 | 12350 | 12350 | 12600 | 12400 | 12400 | 12400 | 12400 | 12400 |
| LOWER QUARTILE | 10900 | 11100 | 11250 | 11350 | 11400 | 11400 | 11400 | 11400 | 11400 |
| LOWER DECILE | 9400 | 10050 | 10100 | 10150 | 10100 | 10050 | 10000 | 9950 | 9900 |
| MEAN | 12550 | 12710 | 12750 | 12800 | 12800 | 12800 | 12800 | 12800 | 12800 |
| TOTAL NUMBER | 1446 | 1164 | 953 | 776 | 648 | 610 | 536 | 739 | 754 |
| NUMBERS OVER $20000 | 3 | 2 | 16 | 8 | 0 | 3 | 1 | 3 | 6 |
| NUMBERS UNDER $ 7000 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 11883

## NON-GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 10450 | 11150 | 11650 | 12250 | 12800 | 13400 | 13950 | 14500 | 15050 |
| UPPER QUARTILE | 9750 | 10200 | 10550 | 11100 | 11600 | 12050 | 12500 | 12950 | 13400 |
| MEDIAN | 8850 | 9250 | 9650 | 10000 | 10400 | 10800 | 11150 | 11500 | 11850 |
| LOWER QUARTILE | 8050 | 8400 | 8750 | 9100 | 9400 | 9750 | 10050 | 10350 | 10650 |
| LOWER DECILE | 7600 | 7700 | 8000 | 8300 | 8650 | 8850 | 9100 | 9400 | 9650 |
| MEAN | 8900 | 9350 | 9750 | 10150 | 10600 | 11000 | 11350 | 11750 | 12100 |
| TOTAL NUMBER | 88 | 155 | 274 | 298 | 348 | 421 | 411 | 517 | 511 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 10 | 8 | 2 | 5 | 0 | 0 | 0 | 1 | 1 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 16000 | 17250 | 18100 | 19700 | 19050 | 19200 | 19250 | 19200 | 19100 |
| UPPER QUARTILE | 14200 | 15300 | 16150 | 16750 | 17100 | 17350 | 17300 | 17250 | 17050 |
| MEDIAN | 12550 | 13400 | 14050 | 14450 | 14700 | 14600 | 14800 | 14700 | 14450 |
| LOWER QUARTILE | 11200 | 11950 | 12350 | 12700 | 12850 | 12850 | 12800 | 12700 | 12450 |
| LOWER DECILE | 10100 | 10650 | 11050 | 11300 | 11450 | 11450 | 11450 | 11350 | 11200 |
| MEAN | 12800 | 13650 | 14300 | 14700 | 14950 | 15050 | 15050 | 14950 | 14800 |
| TOTAL NUMBER | 1302 | 1285 | 1192 | 1128 | 1114 | 1053 | 994 | 1394 | 1235 |
| NUMBERS OVER $20000 | 2 | 5 | 22 | 30 | 39 | 44 | 35 | 51 | 93 |
| NUMBERS UNDER $ 7000 | 4 | 0 | 1 | 2 | 0 | 2 | 3 | 2 | 3 |

NUMBER OF TECHNICIANS COVERED - 13821

**LEGEND**

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

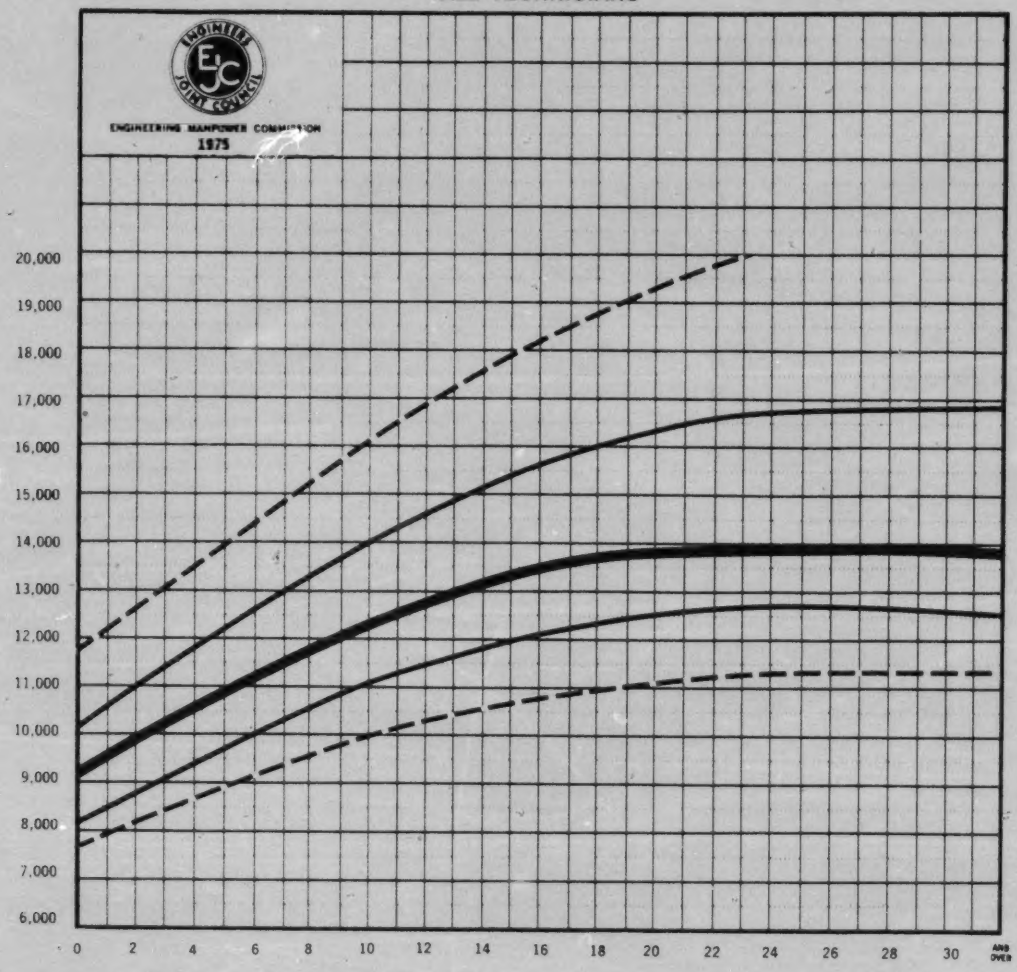


45

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

# ALL MECHANICAL PRODUCTS

## ALL TECHNICIANS




| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 11900 | 12200 | 12650 | 13050 | 13500 | 13950 | 14350 | 14800 | 15250 |
| UPPER QUARTILE | 10200 | 10640 | 11000 | 11400 | 11800 | 12200 | 12600 | 12950 | 13300 |
| MEDIAN | 9150 | 9500 | 9850 | 10200 | 10550 | 10900 | 11250 | 11550 | 11850 |
| LOWER QUARTILE | 8250 | 8550 | 8850 | 9150 | 9450 | 9750 | 10000 | 10300 | 10550 |
| LOWER DECILE | 7700 | 8000 | 8250 | 8450 | 8700 | 8950 | 9200 | 9400 | 9600 |
| MEAN | 9500 | 9800 | 10150 | 10500 | 10850 | 11150 | 11500 | 11800 | 12100 |
| TOTAL NUMBER | 59 | 103 | 130 | 159 | 155 | 148 | 149 | 169 | 204 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 |
| NUMBERS UNDER $ 7000 | 2 | 4 | 1 | 1 | 0 | 1 | 0 | 0 | 0 |

**LEGEND**

- Upper Decile — — —
- Upper Quartile ———
- Median ▬▬▬
- Lower Quartile ———
- Lower Decile — — —

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 13100 | 13700 | 14350 | 14950 | 15350 | | | | |
| UPPER QUARTILE | 14000 | 14300 | 15050 | 15700 | 16150 | 16750 | 16850 | 16800 | 16700 |
| MEDIAN | 12350 | 13000 | 13600 | 13800 | 13900 | 13950 | 13950 | 13850 | 13750 |
| LOWER QUARTILE | 11250 | 11650 | 12100 | 12400 | 12600 | 12650 | 12600 | 12500 | 12700 |
| LOWER DECILE | 10800 | 10500 | 10850 | 11100 | 11250 | 11350 | 11350 | 11350 | 11250 |
| MEAN | 12700 | 13400 | 14000 | 14400 | 14650 | 14860 | 14800 | 14750 | 14550 |
| TOTAL NUMBER | 444 | 444 | 328 | 391 | 347 | 359 | 330 | 451 | 568 |
| NUMBERS OVER $20000 | 4 | 6 | 33 | 37 | 34 | 41 | 39 | 42 | 77 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

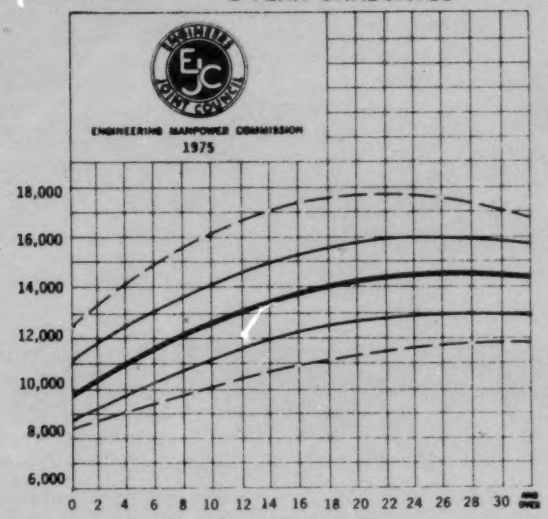
NUMBER OF TECHNICIANS COVERED - 4954

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

# ALL MECHANICAL PRODUCTS

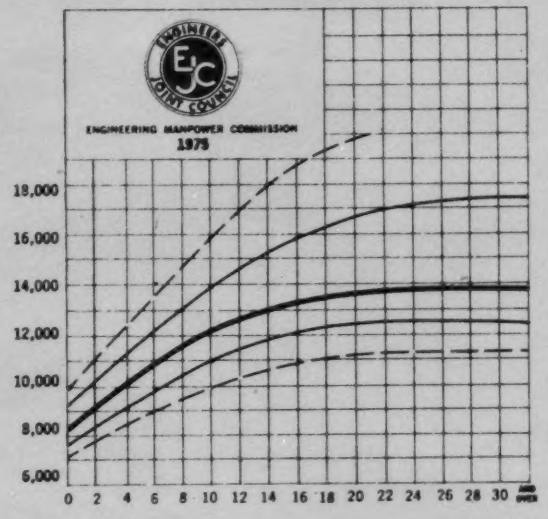
Annual Salary by Equivalent Years Since Graduation from Technical Institute*

## 2-YEAR GRADUATES




Annual Salary by Equivalent Years Since Graduation from Technical Institute*

## NON GRADUATES




## 2-YEAR GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 12550 | 12350 | 13350 | 11750 | 14150 | 14500 | 14850 | 15200 | 15550 |
| UPPER QUARTILE | 11150 | 11450 | 11800 | 12100 | 12600 | 12700 | 13000 | 13300 | 13600 |
| MEDIAN | 9950 | 10150 | 10400 | 10700 | 11000 | 11300 | 11550 | 11850 | 12100 |
| LOWER QUARTILE | 8800 | 9050 | 9300 | 9550 | 9800 | 10050 | 10300 | 10500 | 10750 |
| LOWER DECILE | 8450 | 8600 | 8800 | 8950 | 9100 | 9250 | 9450 | 9600 | 9750 |
| MEAN | 10150 | 10450 | 10750 | 11000 | 11300 | 11600 | 11850 | 12150 | 12400 |
| TOTAL NUMBER | 27 | 68 | 91 | 99 | 69 | 82 | 67 | 75 | 82 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 16150 | 16900 | 17400 | 17650 | 17700 | 17550 | 17250 | 16750 | 16450 |
| UPPER QUARTILE | 14100 | 14800 | 15350 | 15750 | 15950 | 16000 | 15950 | 15700 | 15056 |
| MEDIAN | 12600 | 13250 | 13750 | 14150 | 14350 | 14450 | 14450 | 14250 | 13850 |
| LOWER QUARTILE | 11200 | 11750 | 12250 | 12600 | 12850 | 12950 | 13000 | 12900 | 12650 |
| LOWER DECILE | 10050 | 10500 | 10900 | 11250 | 11550 | 11750 | 11850 | 11850 | 11500 |
| MEAN | 12900 | 13500 | 14000 | 14350 | 14550 | 14600 | 14550 | 14350 | 13900 |
| TOTAL NUMBER | 192 | 141 | 113 | 123 | 66 | 60 | 51 | 75 | 73 |
| NUMBERS OVER $20000 | 2 | 1 | 11 | 5 | 0 | 0 | 0 | 1 | 2 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 1552

## NON-GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 10000 | 10550 | 11150 | 11750 | 12350 | 12950 | 13550 | 14150 | 14750 |
| UPPER QUARTILE | 9250 | 9700 | 10200 | 10650 | 11150 | 11600 | 12100 | 12550 | 13000 |
| MEDIAN | 8250 | 8750 | 9200 | 9650 | 10100 | 10500 | 10900 | 11300 | 11600 |
| LOWER QUARTILE | 7600 | 7950 | 8350 | 8700 | 9050 | 9400 | 9750 | 10050 | 10400 |
| LOWER DECILE | 7150 | 7400 | 7750 | 8050 | 8400 | 8700 | 9000 | 9250 | 9500 |
| MEAN | 8500 | 8900 | 9350 | 9800 | 10200 | 10650 | 11050 | 11450 | 11850 |
| TOTAL NUMBER | 32 | 35 | 33 | 60 | 36 | 66 | 92 | 94 | 122 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 2 | 4 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 15900 | 17500 | 18750 | 19600 | | | | | |
| UPPER QUARTILE | 13900 | 15000 | 16900 | 16550 | 16950 | 17200 | 17300 | 17350 | 17300 |
| MEDIAN | 12200 | 12900 | 13350 | 13650 | 13700 | 13750 | 13750 | 13700 | 13700 |
| LOWER QUARTILE | 10950 | 11650 | 12100 | 12400 | 12550 | 12550 | 12550 | 12600 | 12700 |
| LOWER DECILE | 9950 | 10600 | 10950 | 11100 | 11200 | 11250 | 11250 | 11250 | 11200 |
| MEAN | 12550 | 13400 | 14050 | 14500 | 14700 | 14800 | 14800 | 14800 | 14700 |
| TOTAL NUMBER | 252 | 103 | 265 | 264 | 279 | 299 | 249 | 226 | 495 |
| NUMBERS OVER $20000 | 2 | 5 | 22 | 28 | 34 | 41 | 29 | 41 | 75 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 3402

**LEGEND**

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

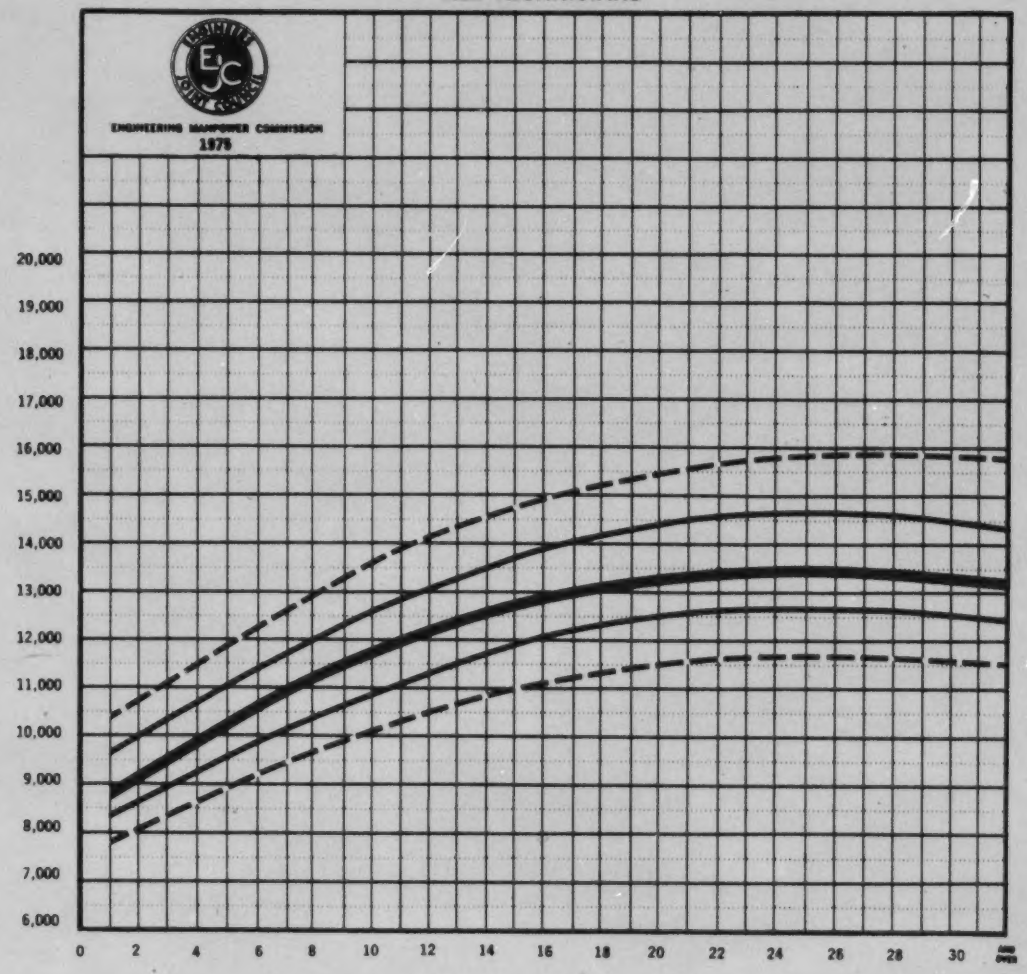


47

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

# AEROSPACE

## ALL TECHNICIANS




| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| YEARS | | | | | | | | | |
| UPPER DECILE | 0 | 10450 | 10850 | 11200 | 11550 | 11900 | 12250 | 12600 | 12900 |
| UPPER QUARTILE | 0 | 9700 | 10050 | 10400 | 10700 | 11050 | 11400 | 11700 | 12000 |
| MEDIAN | 0 | 8900 | 9150 | 9500 | 9850 | 10200 | 10550 | 10850 | 11150 |
| LOWER QUARTILE | 0 | 8400 | 8700 | 8950 | 9250 | 9500 | 9800 | 10050 | 10350 |
| LOWER DECILE | 0 | 7900 | 8150 | 8400 | 8650 | 8900 | 9150 | 9400 | 9600 |
| MEAN | 0 | 9050 | 9350 | 9650 | 10000 | 10300 | 10600 | 10900 | 11200 |
| TOTAL NUMBER | 0 | 8 | 10 | 10 | 29 | 26 | 78 | 42 | 56 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

**LEGEND**

Upper Decile — — —
Upper Quartile ———
Median ▬▬▬
Lower Quartile ———
Lower Decile — — —

| | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| YEARS | | | | | | | | | |
| UPPER DECILE | 13550 | 14350 | 14950 | 15400 | 15650 | 15800 | 15850 | 15750 | 15550 |
| UPPER QUARTILE | 12600 | 13350 | 13950 | 14400 | 14650 | 14650 | 14600 | 14350 | 13850 |
| MEDIAN | 11700 | 12450 | 12950 | 13250 | 13400 | 13400 | 13300 | 13100 | 12700 |
| LOWER QUARTILE | 10850 | 11500 | 12050 | 12400 | 12650 | 12700 | 12650 | 12450 | 11950 |
| LOWER DECILE | 10050 | 10650 | 11100 | 11450 | 11650 | 11700 | 11650 | 11500 | 11100 |
| MEAN | 11750 | 12450 | 13000 | 13350 | 13550 | 13600 | 13550 | 13400 | 13050 |
| TOTAL NUMBER | 133 | 154 | 129 | 121 | 152 | 140 | 111 | 150 | 169 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

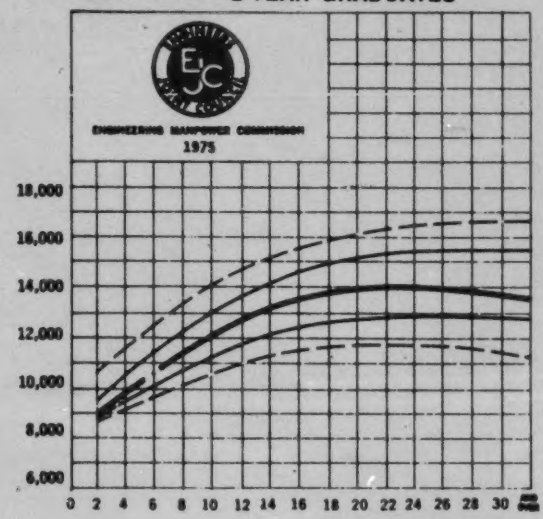
NUMBER OF TECHNICIANS COVERED - 1455

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

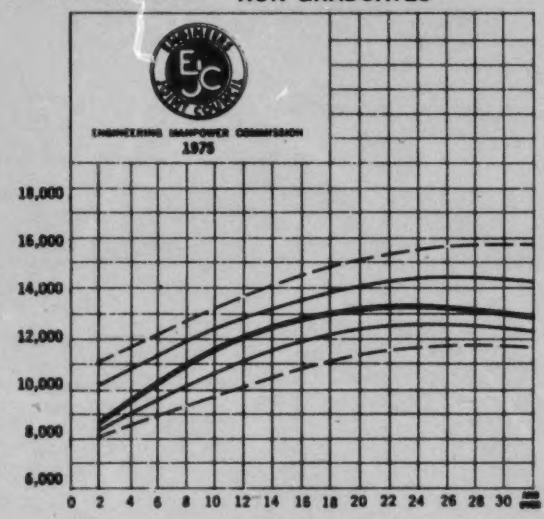


48

Annual Salary by Equivalent Years Since Graduation from Technical Institute* **2-YEAR GRADUATES**




Annual Salary by Equivalent Years Since Graduation from Technical Institute* **NON GRADUATES**




## 2-YEAR GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 0 | 0 | 10650 | 11150 | 11600 | 12050 | 12500 | 12900 | 13300 |
| UPPER QUARTILE | 0 | 0 | 9550 | 10050 | 10550 | 11000 | 11450 | 11900 | 12300 |
| MEDIAN | 0 | 0 | 9000 | 9400 | 9850 | 10250 | 10650 | 11050 | 11400 |
| LOWER QUARTILE | 0 | 0 | 8900 | 9250 | 9550 | 9850 | 10100 | 10400 | 10650 |
| LOWER DECILE | 0 | 0 | 8700 | 8950 | 9200 | 9450 | 9700 | 9900 | 10150 |
| MEAN | 0 | 0 | 9350 | 9750 | 10150 | 10500 | 10850 | 11250 | 11550 |
| TOTAL NUMBER | 0 | 4 | 5 | 8 | 13 | 15 | 9 | 18 | 26 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 14050 | 14950 | 15600 | 14050 | 16350 | 16550 | 16650 | 16700 | 16750 |
| UPPER QUARTILE | 13050 | 14000 | 14650 | 15050 | 15300 | 15450 | 15500 | 15550 | 15550 |
| MEDIAN | 12100 | 12950 | 13550 | 13904 | 14080 | 13950 | 13750 | 13500 | 13650 |
| LOWER QUARTILE | 11150 | 11900 | 12300 | 12600 | 12800 | 12850 | 12850 | 12800 | 12650 |
| LOWER DECILE | 10550 | 11100 | 11500 | 11750 | 11800 | 11750 | 11600 | 11250 | 10600 |
| MEAN | 12200 | 12950 | 13500 | 13800 | 14000 | 14050 | 14050 | 14000 | 13850 |
| TOTAL NUMBER | 50 | 56 | 28 | 27 | 26 | 23 | 20 | 25 | 15 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 377

## NON-GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 0 | 0 | 11050 | 0 | 11550 | 11850 | 12100 | 12350 | 12600 |
| UPPER QUARTILE | 0 | 0 | 10250 | 0 | 10800 | 11050 | 11300 | 11500 | 11850 |
| MEDIAN | 0 | 0 | 9650 | 0 | 9650 | 9850 | 10250 | 10650 | 11000 |
| LOWER QUARTILE | 0 | 0 | 8350 | 0 | 9050 | 9250 | 9550 | 9850 | 10150 |
| LOWER DECILE | 0 | 0 | 8100 | 0 | 8500 | 8700 | 8900 | 9150 | 9350 |
| MEAN | 0 | 0 | 9200 | 0 | 9800 | 10100 | 10400 | 10700 | 10950 |
| TOTAL NUMBER | 0 | 4 | 5 | 2 | 16 | 11 | 22 | 24 | 30 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 13100 | 13800 | 14450 | 14950 | 15350 | 15600 | 15750 | 15700 | 15250 |
| UPPER QUARTILE | 12350 | 13000 | 13550 | 14000 | 14250 | 14400 | 14400 | 14250 | 13700 |
| MEDIAN | 11600 | 12400 | 12900 | 13150 | 13250 | 13200 | 13100 | 12950 | 12750 |
| LOWER QUARTILE | 10700 | 11400 | 11950 | 12350 | 12600 | 12650 | 12600 | 12350 | 11900 |
| LOWER DECILE | 9750 | 10750 | 10850 | 11300 | 11600 | 11800 | 11850 | 11700 | 11000 |
| MEAN | 11500 | 12200 | 12750 | 13150 | 13400 | 13500 | 13500 | 13350 | 13000 |
| TOTAL NUMBER | 73 | 98 | 92 | 96 | 126 | 117 | 91 | 125 | 144 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 1078

**LEGEND**

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

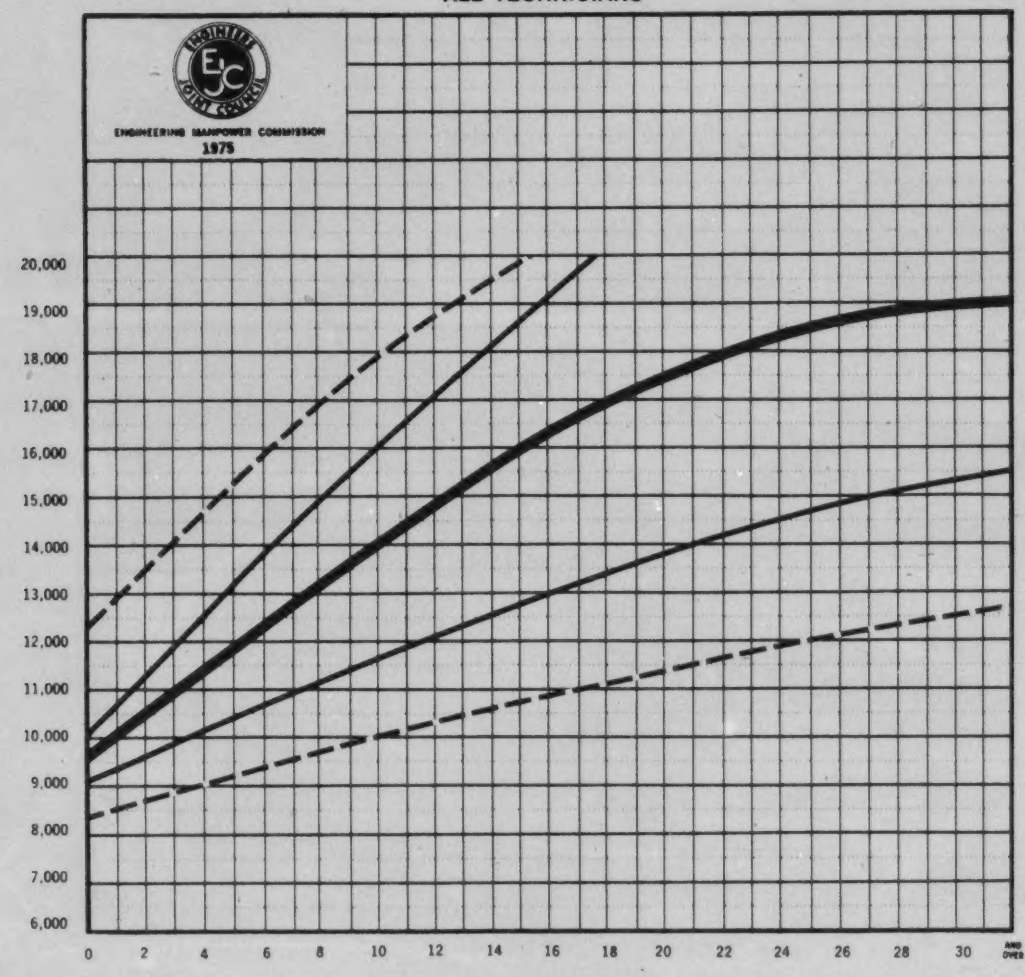
*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.


49

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

# MACHINERY

## ALL TECHNICIANS




| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 12150 | 12960 | 13500 | 14100 | 14650 | 15250 | 15800 | 16400 | 16900 |
| UPPER QUARTILE | 10000 | 10500 | 11700 | 11850 | 12500 | 13150 | 13800 | 14450 | 15050 |
| MEDIAN | 9550 | 9950 | 10400 | 10850 | 11350 | 11800 | 12250 | 12700 | 13150 |
| LOWER QUARTILE | 9150 | 9410 | 9650 | 9900 | 10150 | 10400 | 10650 | 10900 | 11150 |
| LOWER DECILE | 8450 | 8600 | 8900 | 9050 | 9100 | 9250 | 9400 | 9550 | 9700 |
| MEAN | 9960 | 10350 | 10750 | 11200 | 11600 | 12000 | 12400 | 12850 | 13200 |
| TOTAL NUMBER | 23 | 41 | 41 | 46 | 45 | 55 | 44 | 43 | 59 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 17850 | 19050 | | | | | | | |
| UPPER QUARTILE | 16250 | 17850 | 19050 | | | | | | |
| MEDIAN | 14050 | 15350 | 16400 | 17250 | 17950 | 18450 | 18750 | 19000 | 19150 |
| LOWER QUARTILE | 11650 | 12350 | 13000 | 13650 | 14200 | 14650 | 15050 | 15500 | 15950 |
| LOWER DECILE | 10080 | 10450 | 10900 | 11300 | 11650 | 12000 | 12350 | 12700 | 13100 |
| MEAN | 14060 | 15000 | 15850 | 16550 | 17050 | 17400 | 17600 | 17800 | 17900 |
| TOTAL NUMBER | 151 | 156 | 141 | 137 | 110 | 98 | 98 | 137 | 158 |
| NUMBERS OVER $20000 | 4 | 6 | 33 | 33 | 34 | 39 | 27 | 40 | 73 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

**LEGEND**

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

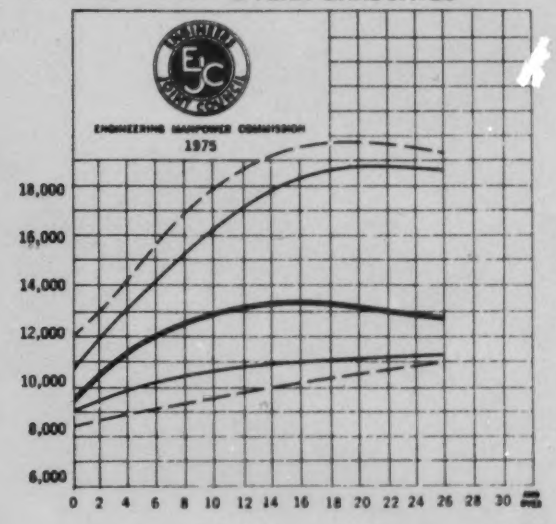
NUMBER OF TECHNICIANS COVERED - 1625

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

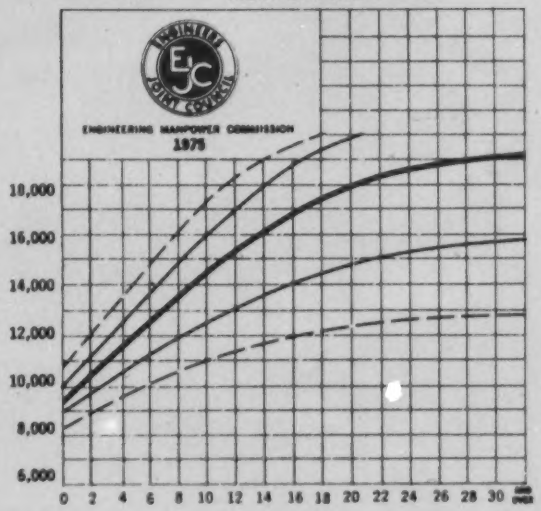


50

Annual Salary by Equivalent Years Since Graduation from Technical Institute* **2-YEAR GRADUATES**




Annual Salary by Equivalent Years Since Graduation from Technical Institute* **NON GRADUATES**




## 2-YEAR GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 12150 | 12400 | 13400 | 14100 | 14700 | 15350 | 15950 | 16500 | 17050 |
| UPPER QUARTILE | 10750 | 11100 | 11900 | 12450 | 13050 | 13600 | 14150 | 14700 | 15250 |
| MEDIAN | 9450 | 9950 | 10450 | 10900 | 11700 | 11700 | 12000 | 12300 | 12550 |
| LOWER QUARTILE | 9050 | 9100 | 9550 | 9750 | 9900 | 10150 | 10250 | 10350 | 10500 |
| LOWER DECILE | 8500 | 8600 | 8700 | 8800 | 8900 | 9000 | 9100 | 9250 | 9350 |
| MEAN | 10100 | 10500 | 10900 | 11250 | 11650 | 12000 | 12300 | 12650 | 12900 |
| TOTAL NUMBER | 12 | 27 | 34 | 56 | 24 | 41 | 18 | 29 | 26 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 17950 | 19000 | 19600 | 19750 | 19650 | 19250 | 0 | 0 | 17550 |
| UPPER QUARTILE | 16250 | 17600 | 18300 | 18750 | 18850 | 18750 | 0 | 0 | 17300 |
| MEDIAN | 12950 | 13256 | 13300 | 13200 | 13400 | 12850 | 0 | 0 | 12400 |
| LOWER QUARTILE | 10650 | 10900 | 11000 | 11100 | 11150 | 11700 | 0 | 0 | 11250 |
| LOWER DECILE | 9550 | 9450 | 10150 | 10450 | 10700 | 10950 | 0 | 0 | 11800 |
| MEAN | 13400 | 13950 | 14350 | 14600 | 14550 | 14550 | 0 | 0 | 14250 |
| TOTAL NUMBER | 58 | 44 | 44 | 27 | 8 | 5 | 4 | 7 | 7 |
| NUMBERS OVER $20000 | 2 | 1 | 11 | 5 | 3 | 0 | 0 | 1 | 2 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 477

## NON-GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 10900 | 11500 | 12250 | 12950 | 13600 | 14300 | 14950 | 15600 | 16200 |
| UPPER QUARTILE | 10150 | 10650 | 11250 | 11850 | 12450 | 13050 | 13750 | 14300 | 14900 |
| MEDIAN | 9400 | 9650 | 10350 | 10900 | 11400 | 11900 | 12450 | 12900 | 13400 |
| LOWER QUARTILE | 8900 | 9400 | 9750 | 10150 | 10500 | 10850 | 11250 | 11600 | 11900 |
| LOWER DECILE | 8350 | 8650 | 8950 | 9250 | 9550 | 9850 | 10100 | 10350 | 10550 |
| MEAN | 9560 | 10300 | 10900 | 11000 | 11500 | 12000 | 12500 | 12950 | 13450 |
| TOTAL NUMBER | 11 | 14 | 7 | 12 | 21 | 14 | 26 | 26 | 15 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 17300 | 18650 | 19550 | | | | | | |
| UPPER QUARTILE | 16050 | 17600 | 18850 | 19700 | | | | | |
| MEDIAN | 14450 | 15700 | 16900 | 17650 | 18300 | 18700 | 18850 | 19100 | 19200 |
| LOWER QUARTILE | 12650 | 13400 | 14150 | 14650 | 15100 | 15400 | 15450 | 15850 | 15950 |
| LOWER DECILE | 11000 | 11550 | 11950 | 12250 | 12500 | 12650 | 12750 | 12850 | 12900 |
| MEAN | 14300 | 15450 | 16300 | 16950 | 17400 | 17650 | 17800 | 17900 | 17950 |
| TOTAL NUMBER | 63 | 122 | 97 | 110 | 102 | 93 | 96 | 136 | 151 |
| NUMBERS OVER $26000 | 2 | 5 | 22 | 28 | 34 | 39 | 37 | 39 | 71 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 1152

**LEGEND**

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

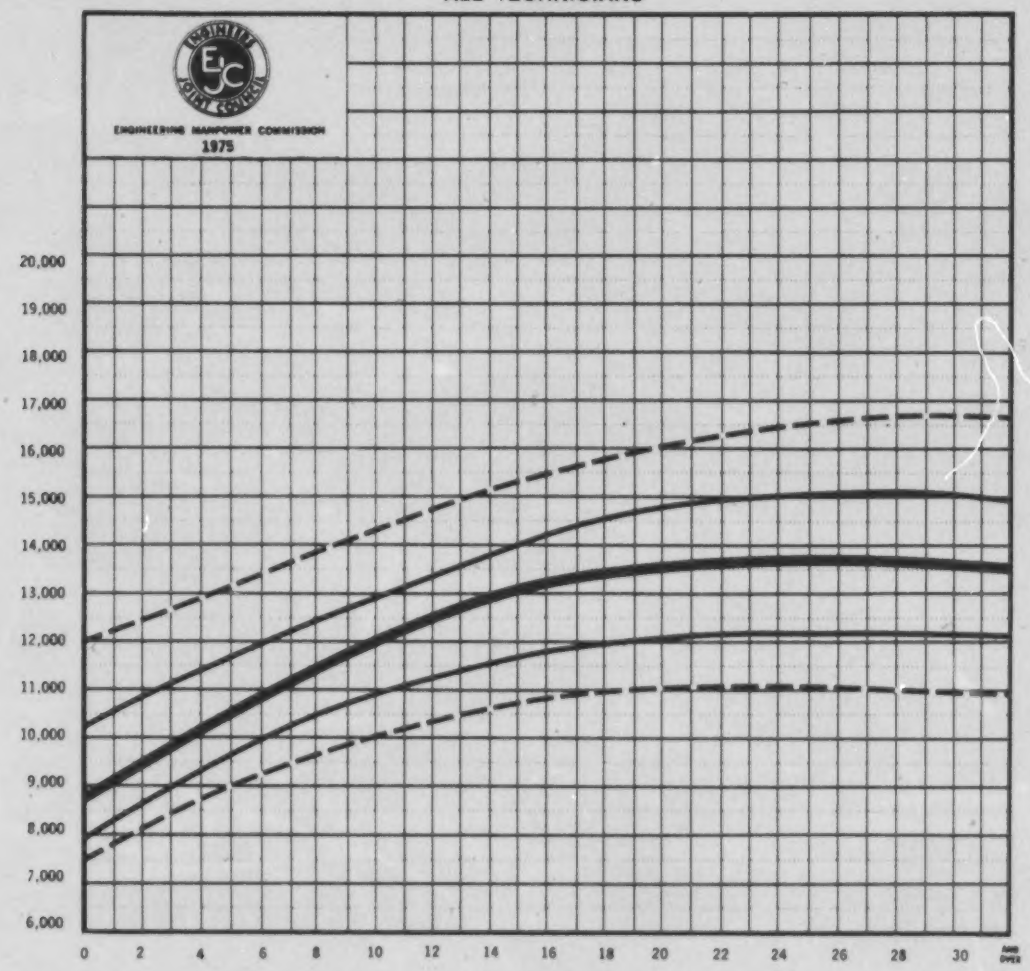


51

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

# METAL PRODUCTS

## ALL TECHNICIANS




| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 12800 | 12250 | 12450 | 12700 | 12900 | 13150 | 13400 | 13600 | 13850 |
| UPPER QUARTILE | 10250 | 10550 | 10850 | 11100 | 11400 | 11650 | 11950 | 12200 | 12450 |
| MEDIAN | 8750 | 9150 | 9500 | 9850 | 10150 | 10500 | 10850 | 11150 | 11450 |
| LOWER QUARTILE | 7950 | 8250 | 8650 | 9000 | 9300 | 9650 | 9950 | 10200 | 10500 |
| LOWER DECILE | 7500 | 7800 | 8100 | 8350 | 8650 | 8900 | 9150 | 9400 | 9600 |
| MEAN | 9350 | 9600 | 9900 | 10200 | 10450 | 10750 | 11050 | 11300 | 11550 |
| TOTAL NUMBER | 36 | 50 | 83 | 87 | 93 | 81 | 91 | 83 | 116 |
| NUMBERS OVER $20,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 2 | 4 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 14250 | 14450 | 15450 | 15900 | 16250 | 16500 | 16650 | 16600 | 15950 |
| UPPER QUARTILE | 12950 | 13600 | 14200 | 14600 | 14900 | 15050 | 15150 | 15000 | 14600 |
| MEDIAN | 12000 | 12650 | 13150 | 13650 | 13600 | 13650 | 13600 | 13500 | 13300 |
| LOWER QUARTILE | 10950 | 11500 | 11850 | 12050 | 12150 | 12150 | 12150 | 12100 | 12000 |
| LOWER DECILE | 10000 | 10500 | 10900 | 10950 | 11050 | 11050 | 11000 | 10950 | 10850 |
| MEAN | 12050 | 12650 | 13100 | 13450 | 13650 | 13750 | 13700 | 13600 | 13400 |
| TOTAL NUMBER | 225 | 187 | 161 | 166 | 127 | 161 | 116 | 204 | 276 |
| NUMBERS OVER $20,000 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 4 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED = 2351

**LEGEND**

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

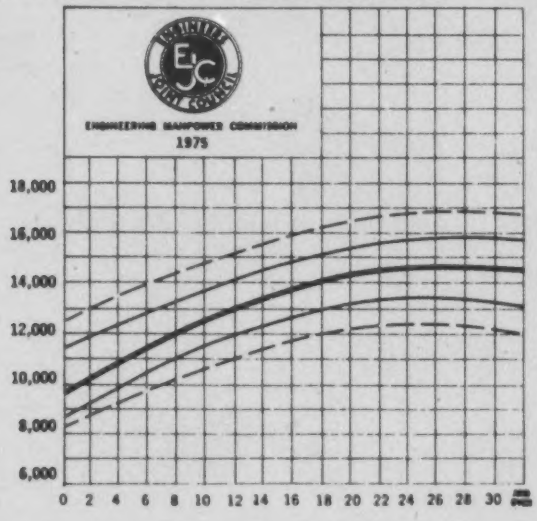
*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.



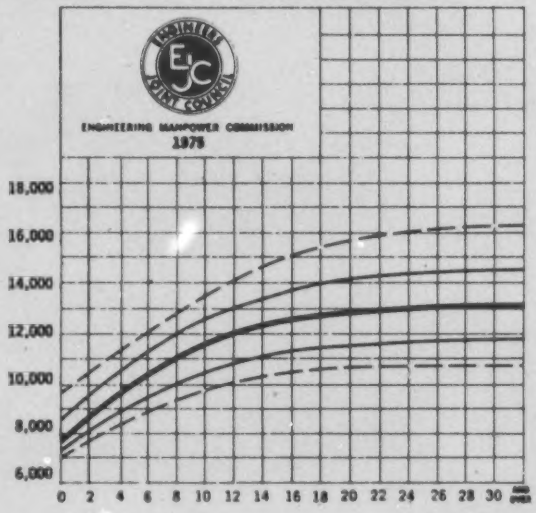
52

# METAL PRODUCTS

Annual Salary by Equivalent Years Since Graduation from Technical Institute* **2-YEAR GRADUATES**




Annual Salary by Equivalent Years Since Graduation from Technical Institute* **NON GRADUATES**




## 2-YEAR GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 12500 | 12750 | 13300 | 13250 | 13500 | 13700 | 13950 | 14150 | 14400 |
| UPPER QUARTILE | 11400 | 11600 | 11850 | 12100 | 12300 | 12550 | 12800 | 13000 | 13250 |
| MEDIAN | 9750 | 10000 | 10300 | 10550 | 10850 | 11150 | 11400 | 11700 | 11950 |
| LOWER QUARTILE | 8700 | 9000 | 9250 | 9550 | 9850 | 10100 | 10400 | 10650 | 10900 |
| LOWER DECILE | 8300 | 8550 | 8800 | 9000 | 9250 | 9500 | 9750 | 9950 | 10200 |
| MEAN | 10150 | 10400 | 10650 | 10900 | 11150 | 11400 | 11650 | 11850 | 12100 |
| TOTAL NUMBER | 15 | 41 | 56 | 41 | 39 | 36 | 46 | 39 | 40 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 14450 | 15450 | 15950 | 16400 | 16700 | 16850 | 16900 | 16700 | 15800 |
| UPPER QUARTILE | 13650 | 14300 | 14850 | 15300 | 15600 | 15800 | 15900 | 15750 | 14950 |
| MEDIAN | 12650 | 13150 | 13750 | 14200 | 14500 | 14600 | 14650 | 14600 | 13750 |
| LOWER QUARTILE | 11450 | 12100 | 12650 | 13050 | 13300 | 13350 | 13350 | 13100 | 12500 |
| LOWER DECILE | 10450 | 11250 | 11700 | 12100 | 12350 | 12350 | 12300 | 12000 | 11200 |
| MEAN | 12600 | 13200 | 13800 | 14200 | 14500 | 14650 | 14650 | 14450 | 13550 |
| TOTAL NUMBER | 101 | 78 | 56 | 46 | 42 | 41 | 43 | 59 | 61 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 927

## NON-GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 9750 | 10100 | 10500 | 10900 | 11300 | 11700 | 12050 | 12450 | 12800 |
| UPPER QUARTILE | 8550 | 9100 | 9550 | 10050 | 10500 | 10950 | 11350 | 11700 | 12050 |
| MEDIAN | 7750 | 8250 | 8750 | 9200 | 9650 | 10050 | 10450 | 10750 | 11050 |
| LOWER QUARTILE | 7350 | 7750 | 8150 | 8550 | 8900 | 9200 | 9550 | 9800 | 10050 |
| LOWER DECILE | 7000 | 7350 | 7700 | 8050 | 8350 | 8600 | 8900 | 9150 | 9350 |
| MEAN | 8100 | 8556 | 8[illegible] | 9450 | 9750 | 10150 | 10500 | 10800 | 11100 |
| TOTAL NUMBER | 21 | 19 | 27 | 46 | 54 | 45 | 45 | 44 | 67 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 2 | 4 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 13450 | 14150 | 15050 | 15550 | 15900 | 16100 | 16200 | 16250 | 16250 |
| UPPER QUARTILE | 12600 | 13300 | 13750 | 14050 | 14250 | 14400 | 14450 | 14500 | 14500 |
| MEDIAN | 11600 | 12700 | 12550 | 12800 | 12950 | 13050 | 13100 | 13100 | 13100 |
| LOWER QUARTILE | 10500 | 11300 | 11300 | 11550 | 11650 | 11750 | 11800 | 11800 | 11800 |
| LOWER DECILE | 9750 | 10200 | 10450 | 10600 | 10700 | 10750 | 10750 | 10750 | 10750 |
| MEAN | 11600 | 12200 | 12650 | 12950 | 13150 | 13250 | 13300 | 13350 | 13350 |
| TOTAL NUMBER | 124 | 109 | 87 | 80 | 86 | 122 | 93 | 145 | 217 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 4 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 1426

**LEGEND**

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

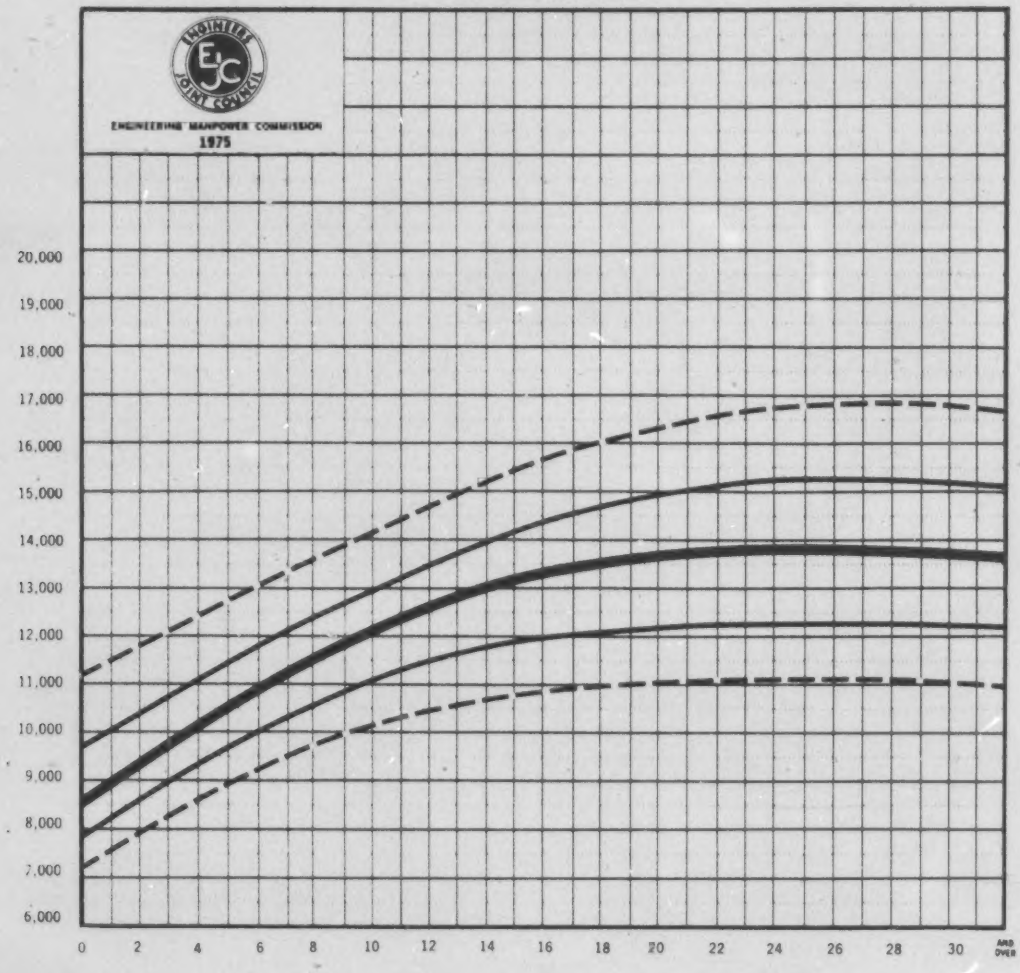
*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.


53

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

# FABRICATED METAL PRODUCTS

## ALL TECHNICIANS




| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 11200 | 11500 | 11900 | 12100 | 12400 | 12700 | 13000 | 13300 | 13600 |
| UPPER QUARTILE | 9700 | 10350 | 10650 | 10750 | 11050 | 11400 | 11750 | 12050 | 12400 |
| MEDIAN | 8550 | 8950 | 9300 | 9700 | 10050 | 10450 | 10800 | 11150 | 11450 |
| LOWER QUARTILE | 7900 | 8250 | 8650 | 9000 | 9350 | 9650 | 10000 | 10250 | 10550 |
| LOWER DECILE | 7250 | 7600 | 7950 | 8300 | 8600 | 8900 | 9200 | 9450 | 9700 |
| MEAN | 8900 | 9200 | 9650 | 9900 | 10250 | 10600 | 10900 | 11200 | 11500 |
| TOTAL NUMBER | 26 | 43 | 72 | 66 | 72 | 64 | 90 | 76 | 104 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 2 | 4 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 14150 | 14950 | 15550 | 16200 | 16550 | 16800 | 16850 | 16650 | 15950 |
| UPPER QUARTILE | 12950 | 13750 | 14400 | 14850 | 15100 | 15250 | 15300 | 15050 | 14650 |
| MEDIAN | 12050 | 12750 | 13300 | 13600 | 13750 | 13750 | 13700 | 13600 | 13400 |
| LOWER QUARTILE | 11050 | 11800 | 11950 | 12200 | 12350 | 12250 | 12250 | 12150 | 12100 |
| LOWER DECILE | 10100 | 10600 | 10850 | 11000 | 11050 | 11050 | 11050 | 11000 | 11000 |
| MEAN | 12100 | 12750 | 13300 | 13600 | 13800 | 13850 | 13800 | 13700 | 13500 |
| TOTAL NUMBER | 187 | 167 | 121 | 136 | 109 | 137 | 110 | 184 | 238 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 4 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 1991

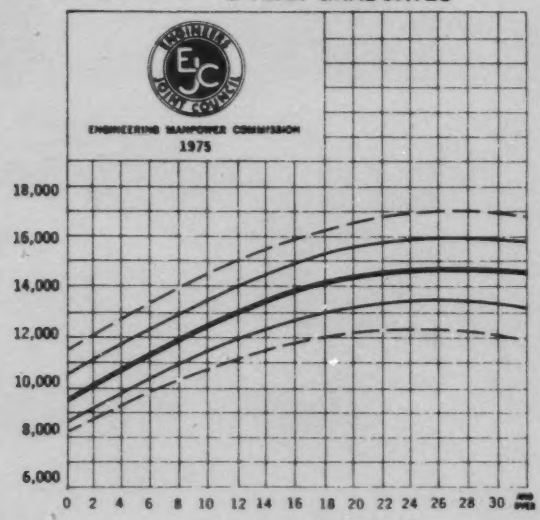
**LEGEND**

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

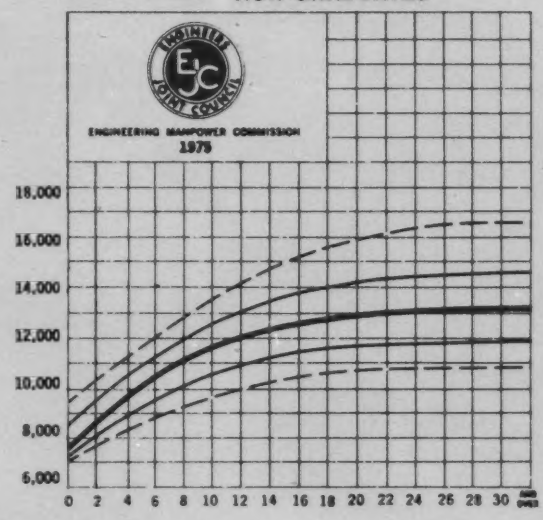
*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

# FABRICATED METAL PRODUCTS

Annual Salary by Equivalent Years Since Graduation from Technical Institute* **2-YEAR GRADUATES**




Annual Salary by Equivalent Years Since Graduation from Technical Institute* **NON GRADUATES**




## 2-YEAR GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 11500 | 11900 | 12100 | 12400 | 12700 | 13000 | 13300 | 13600 | 13900 |
| UPPER QUARTILE | 10500 | 10800 | 11100 | 11400 | 11700 | 12000 | 12300 | 12600 | 12900 |
| MEDIAN | 9450 | 9750 | 10050 | 10350 | 10650 | 10950 | 11250 | 11550 | 11850 |
| LOWER QUARTILE | 8650 | 8950 | 9250 | 9500 | 9800 | 10100 | 10350 | 10650 | 10900 |
| LOWER DECILE | 8250 | 8500 | 8750 | 9000 | 9250 | 9500 | 9750 | 10000 | 10250 |
| MEAN | 9600 | 9900 | 10200 | 10500 | 10800 | 11100 | 11400 | 11700 | 11950 |
| TOTAL NUMBER | 8 | 25 | 45 | 27 | 28 | 28 | 41 | 36 | 46 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 14450 | 15250 | 15950 | 16500 | 16850 | 17050 | 17050 | 16750 | 15650 |
| UPPER QUARTILE | 13500 | 14300 | 14950 | 15500 | 15850 | 16000 | 16000 | 15750 | 14850 |
| MEDIAN | 12400 | 13150 | 13900 | 14250 | 14500 | 14650 | 14600 | 14400 | 13800 |
| LOWER QUARTILE | 11400 | 12100 | 12700 | 13100 | 13350 | 13450 | 13400 | 13150 | 12600 |
| LOWER DECILE | 10700 | 11300 | 11800 | 12100 | 12300 | 12350 | 12250 | 11950 | 11250 |
| MEAN | 12500 | 13250 | 13850 | 14300 | 14600 | 14700 | 14650 | 14400 | 13600 |
| TOTAL NUMBER | 94 | 70 | 51 | 27 | 28 | 41 | 41 | 59 | 60 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 818

## NON-GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 9550 | 10000 | 10400 | 10800 | 11200 | 11600 | 12000 | 12400 | 12800 |
| UPPER QUARTILE | 8550 | 9050 | 9550 | 10050 | 10500 | 10900 | 11350 | 11700 | 12050 |
| MEDIAN | 7750 | 8250 | 8750 | 9250 | 9650 | 10100 | 10450 | 10800 | 11150 |
| LOWER QUARTILE | 7250 | 7700 | 8150 | 8550 | 8900 | 9250 | 9600 | 9900 | 10150 |
| LOWER DECILE | 7050 | 7400 | 7700 | 8000 | 8300 | 8600 | 8850 | 9050 | 9300 |
| MEAN | 8000 | 8500 | 8950 | 9350 | 9750 | 10150 | 10500 | 10850 | 11150 |
| TOTAL NUMBER | 18 | 18 | 24 | 19 | 44 | 36 | 39 | 40 | 58 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 2 | 4 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 13500 | 14450 | 15200 | 15750 | 16150 | 16350 | 16450 | 16450 | 16350 |
| UPPER QUARTILE | 12650 | 13350 | 13800 | 14150 | 14350 | 14450 | 14550 | 14600 | 14600 |
| MEDIAN | 11650 | 12250 | 12650 | 12900 | 13000 | 13100 | 13150 | 13150 | 13150 |
| LOWER QUARTILE | 10600 | 11100 | 11450 | 11650 | 11750 | 11850 | 11850 | 11900 | 11900 |
| LOWER DECILE | 9650 | 10100 | 10400 | 10550 | 10700 | 10750 | 10800 | 10850 | 10850 |
| MEAN | 11700 | 12350 | 12750 | 13050 | 13250 | 13350 | 13400 | 13400 | 13450 |
| TOTAL NUMBER | 93 | 97 | 70 | 59 | 70 | 96 | 69 | 125 | 178 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 4 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 1173

**LEGEND**

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.



55

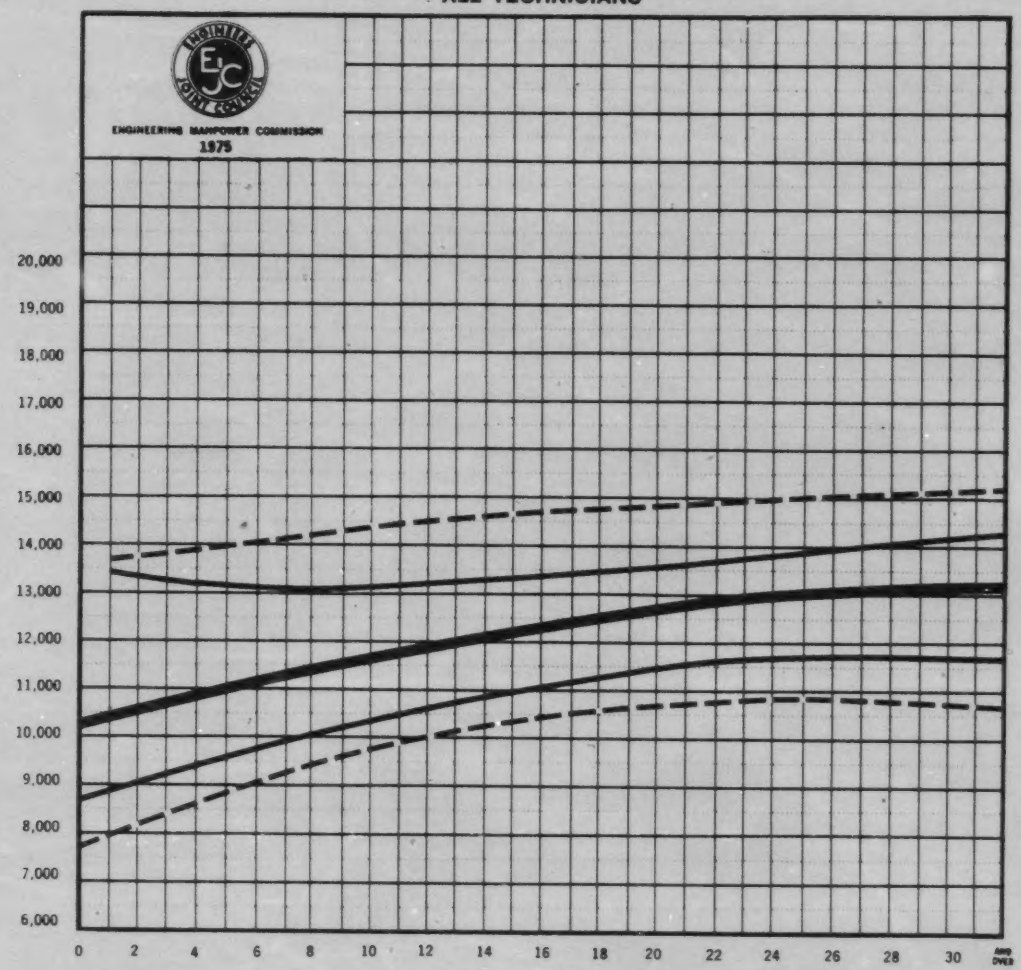
## METALS, BASIC AND MINING

There were too few salaries reported to produce breakdowns for graduates and non-graduates in this industry group.

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

# METALS, BASIC AND MINING

## ALL TECHNICIANS




| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | | 13650 | 13700 | 13800 | 13850 | 13950 | 14000 | 14100 | 14150 |
| UPPER QUARTILE | | 13500 | 13350 | 13250 | 13150 | 13100 | 13050 | 13000 | 13000 |
| MEDIAN | 10250 | 10400 | 10550 | 10650 | 10800 | 10950 | 11100 | 11200 | 11350 |
| LOWER QUARTILE | 9650 | 8950 | 9000 | 9200 | 9350 | 9550 | 9700 | 9450 | 10050 |
| LOWER DECILE | 7700 | 7900 | 8150 | 8400 | 8600 | 8800 | 9000 | 9200 | 9400 |
| MEAN | 10700 | 10400 | 10950 | 11050 | 11150 | 11300 | 11400 | 11500 | 11650 |
| TOTAL NUMBER | 10 | 17 | 11 | 21 | 21 | 17 | 11 | 7 | 12 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

**LEGEND**

Upper Decile — — —
Upper Quartile ———
Median ▬▬▬
Lower Quartile ———
Lower Decile — — —

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 14300 | 14500 | 14650 | 14800 | 14950 | 15050 | 15150 | 15200 | 15250 |
| UPPER QUARTILE | 13050 | 13150 | 13300 | 13500 | 13700 | 13900 | 14050 | 14250 | 14350 |
| MEDIAN | 11600 | 11950 | 12300 | 12600 | 12850 | 13000 | 13150 | 13200 | 13000 |
| LOWER QUARTILE | 10350 | 10750 | 11100 | 11400 | 11600 | 11700 | 11700 | 11600 | 11250 |
| LOWER DECILE | 9750 | 10150 | 10450 | 10650 | 10750 | 10800 | 10750 | 10650 | 10500 |
| MEAN | 11450 | 12150 | 12400 | 12600 | 12800 | 12900 | 13000 | 13050 | 12850 |
| TOTAL NUMBER | 78 | 20 | 22 | 28 | 19 | 25 | 26 | 20 | 36 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

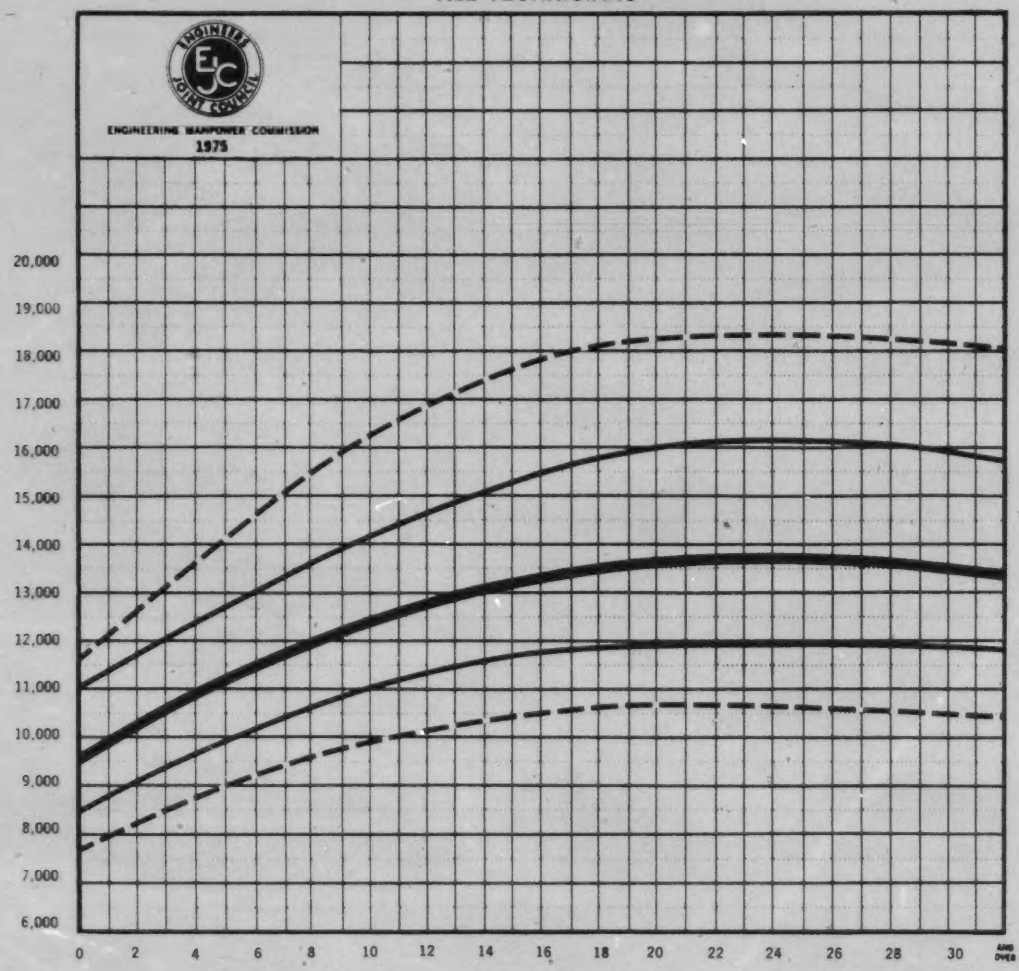
NUMBER OF TECHNICIANS COVERED - 362

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

# ELECTRICAL & ELECTRONIC PRODUCTS

## ALL TECHNICIANS




| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 11650 | 12150 | 12650 | 13150 | 13650 | 14150 | 14600 | 15050 | 15450 |
| UPPER QUARTILE | 11050 | 11500 | 11700 | 12050 | 12400 | 12700 | 13000 | 13300 | 13600 |
| MEDIAN | 9600 | 9900 | 10200 | 10550 | 10850 | 11150 | 11400 | 11700 | 11950 |
| LOWER QUARTILE | 8500 | 8800 | 9100 | 9350 | 9650 | 9900 | 10150 | 10400 | 10600 |
| LOWER DECILE | 7700 | 8000 | 8250 | 8500 | 8750 | 9000 | 9200 | 9400 | 9600 |
| MEAN | 9750 | 10100 | 10450 | 10750 | 11100 | 11400 | 11700 | 11950 | 12250 |
| TOTAL NUMBER | 156 | 355 | 530 | 576 | 576 | 717 | 762 | 879 | 980 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 12 | 9 | 2 | 3 | 0 | 0 | 0 | 0 | 1 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 16250 | 17150 | 17800 | 18200 | 18350 | 18350 | 18250 | 18000 | 17700 |
| UPPER QUARTILE | 14150 | 14900 | 15500 | 15850 | 16100 | 16150 | 16050 | 15750 | 15050 |
| MEDIAN | 12600 | 12950 | 13350 | 13550 | 13650 | 13650 | 13550 | 13350 | 13100 |
| LOWER QUARTILE | 11000 | 11450 | 11750 | 11900 | 11950 | 11950 | 11900 | 11800 | 11650 |
| LOWER DECILE | 9900 | 10250 | 10500 | 10600 | 10600 | 10550 | 10500 | 10400 | 10250 |
| MEAN | 12700 | 13310 | 13700 | 13950 | 14000 | 14000 | 13990 | 13750 | 13500 |
| TOTAL NUMBER | 2127 | 1453 | 1515 | 1347 | 1262 | 1144 | 1053 | 1442 | 1199 |
| NUMBERS OVER $20000 | 0 | 1 | 4 | 3 | 5 | 6 | 4 | 7 | 11 |
| NUMBERS UNDER $ 7000 | 0 | 2 | 1 | 2 | 0 | 3 | 2 | 2 | 2 |

NUMBER OF TECHNICIANS COVERED - 18473

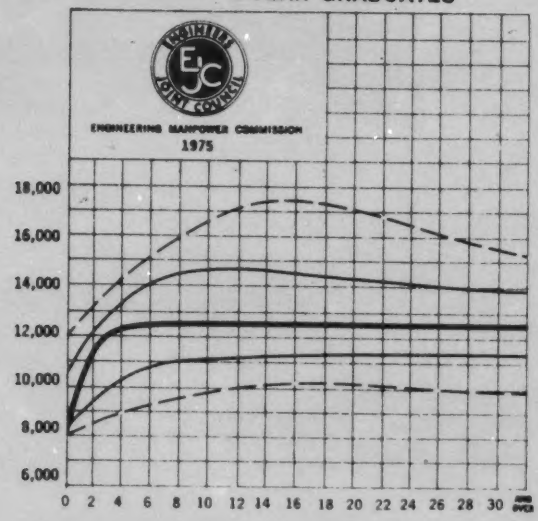
**LEGEND**

- Upper Decile — — —
- Upper Quartile ——
- Median ▬▬
- Lower Quartile ——
- Lower Decile — — —

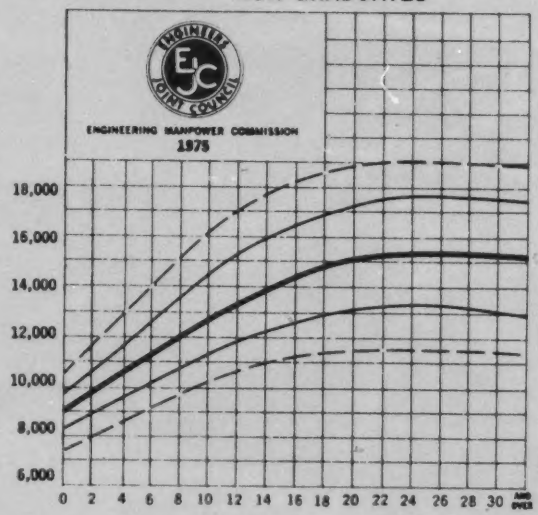
*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

# ELECTRICAL & ELECTRONIC PRODUCTS

Annual Salary by Equivalent Years Since Graduation from Technical Institute* **2-YEAR GRADUATES**




Annual Salary by Equivalent Years Since Graduation from Technical Institute* **NON GRADUATES**




## 2-YEAR GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 12000 | 12600 | 13150 | 13700 | 14200 | 14750 | 15200 | 15650 | 16000 |
| UPPER QUARTILE | 10750 | 11500 | 12150 | 12750 | 13250 | 13650 | 14000 | 14300 | 14500 |
| MEDIAN | 8500 | 10300 | 11450 | 12050 | 12350 | 12500 | 12500 | 12500 | 12500 |
| LOWER QUARTILE | 8400 | 8950 | 9450 | 9800 | 10150 | 10400 | 10600 | 10750 | 10850 |
| LOWER DECILE | 8000 | 8250 | 8500 | 8750 | 8950 | 9150 | 9350 | 9500 | 9650 |
| MEAN | 9256 | 10310 | 11050 | 11650 | 12050 | 12300 | 12500 | 12600 | 12700 |
| TOTAL NUMBER | 156 | 424 | 600 | 675 | 585 | 671 | 759 | 777 | 837 |
| NUMBERS OVER $20000 | 0 | 6 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| NUMBERS UNDER $ 7000 | 4 | 9 | 1 | 8 | 8 | 8 | 8 | 8 | 1 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 16650 | 17250 | 17400 | 17200 | 16850 | 16350 | 15850 | 15250 | 14600 |
| UPPER QUARTILE | 14700 | 14700 | 14550 | 14350 | 14200 | 14050 | 13950 | 13900 | 13900 |
| MEDIAN | 12500 | 12500 | 12450 | 12450 | 12450 | 12450 | 12450 | 12450 | 12450 |
| LOWER QUARTILE | 11050 | 11200 | 11250 | 11300 | 11300 | 11300 | 11300 | 11300 | 11300 |
| LOWER DECILE | 9850 | 10100 | 10150 | 10150 | 10100 | 10050 | 9950 | 9900 | 9800 |
| MEAN | 12800 | 12850 | 12900 | 12900 | 12900 | 12900 | 12900 | 12900 | 12900 |
| TOTAL NUMBER | 1686 | 1378 | 966 | 811 | 692 | 664 | 538 | 736 | 718 |
| NUMBERS OVER $20000 | 0 | 2 | 8 | 4 | 0 | 6 | 0 | 0 | 2 |
| NUMBERS UNDER $ 7000 | 0 | 4 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 13613 Unweighted total - 9,857

## NON-GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 10500 | 11150 | 11750 | 12350 | 12950 | 13550 | 14100 | 14700 | 15200 |
| UPPER QUARTILE | 9800 | 10250 | 10700 | 11200 | 11650 | 12150 | 12600 | 13100 | 13550 |
| MEDIAN | 9000 | 9250 | 9750 | 10100 | 10500 | 10900 | 11250 | 11650 | 12000 |
| LOWER QUARTILE | 8300 | 8600 | 8900 | 9200 | 9550 | 9850 | 10150 | 10450 | 10750 |
| LOWER DECILE | 7500 | 7900 | 8150 | 8350 | 8650 | 8950 | 9200 | 9450 | 9700 |
| MEAN | 9100 | 9500 | 9900 | 10300 | 10700 | 11100 | 11500 | 11850 | 12250 |
| TOTAL NUMBER | 42 | 106 | 192 | 195 | 224 | 387 | 241 | 356 | 415 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 8 | 4 | 1 | 3 | 0 | 0 | 0 | 0 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 16200 | 17400 | 18250 | 18750 | 19000 | 19050 | 18950 | 18800 | 18650 |
| UPPER QUARTILE | 14400 | 15600 | 16500 | 17150 | 17550 | 17700 | 17650 | 17450 | 17050 |
| MEDIAN | 12700 | 13600 | 14150 | 14900 | 15200 | 15300 | 15300 | 15150 | 14750 |
| LOWER QUARTILE | 11300 | 12050 | 12650 | 13050 | 13250 | 13300 | 13200 | 12950 | 12350 |
| LOWER DECILE | 10200 | 10750 | 11150 | 11400 | 11500 | 11550 | 11570 | 11350 | 11150 |
| MEAN | 12950 | 13850 | 14500 | 14950 | 15200 | 15250 | 15250 | 15100 | 14800 |
| TOTAL NUMBER | 920 | 866 | 799 | 709 | 691 | 611 | 584 | 788 | 528 |
| NUMBERS OVER $20000 | 0 | 0 | 2 | 1 | 5 | 3 | 4 | 3 | 10 |
| NUMBERS UNDER $ 7000 | 3 | 0 | 1 | 2 | 0 | 2 | 2 | 2 | 2 |

NUMBER OF TECHNICIANS COVERED - 8616

**LEGEND**

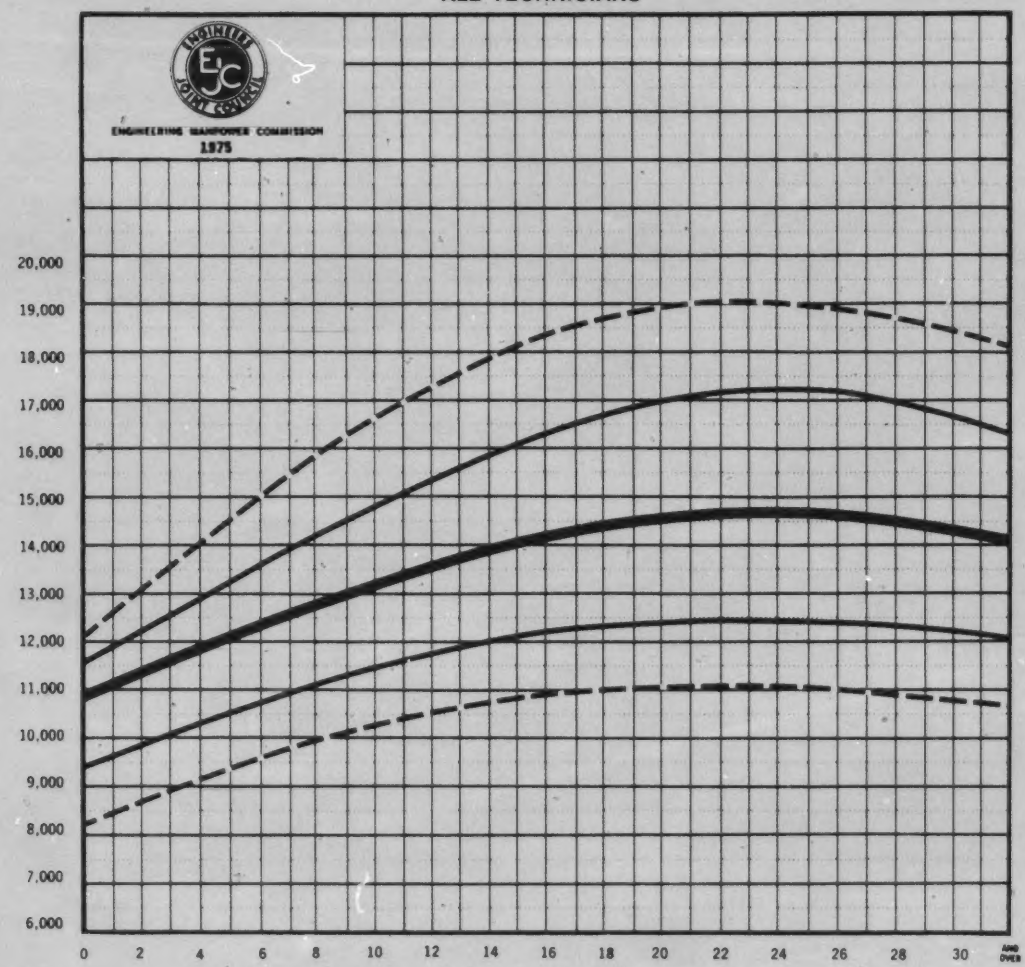
- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

# ELECTRICAL EQUIPMENT

## ALL TECHNICIANS




| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 12150 | 12600 | 13050 | 13550 | 14000 | 14450 | 14900 | 15350 | 15800 |
| UPPER QUARTILE | 11400 | 11900 | 12200 | 12550 | 12900 | 13200 | 13550 | 13850 | 14150 |
| MEDIAN | 10900 | 11150 | 11350 | 11600 | 11850 | 12050 | 12300 | 12500 | 12750 |
| LOWER QUARTILE | 9400 | 9650 | 9900 | 10100 | 10300 | 10550 | 10750 | 10950 | 11100 |
| LOWER DECILE | 8250 | 8500 | 8750 | 8950 | 9150 | 9400 | 9600 | 9750 | 9950 |
| MEAN | 10650 | 10910 | 11200 | 11450 | 11750 | 12000 | 12250 | 12500 | 12750 |
| TOTAL NUMBER | 98 | 273 | 489 | 632 | 692 | 704 | 636 | 804 | 921 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 4 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 16600 | 17600 | 18400 | 18850 | 19000 | 18950 | 18650 | 18100 | 17000 |
| UPPER QUARTILE | 14800 | 15650 | 16350 | 16900 | 17150 | 17200 | 16950 | 16300 | 14400 |
| MEDIAN | 13150 | 13700 | 14150 | 14450 | 14600 | 14680 | 14450 | 14000 | 12750 |
| LOWER QUARTILE | 11450 | 11900 | 12200 | 12400 | 12450 | 12450 | 12300 | 12050 | 11550 |
| LOWER DECILE | 10250 | 10650 | 10900 | 11050 | 11050 | 11000 | 10850 | 10650 | 10250 |
| MEAN | 13250 | 13850 | 14300 | 14650 | 14800 | 14750 | 14600 | 14200 | 13200 |
| TOTAL NUMBER | 2163 | 1991 | 1759 | 1645 | 1452 | 1197 | 1166 | 1437 | 1031 |
| NUMBERS OVER $21000 | 0 | 0 | 0 | 2 | 8 | 0 | 2 | 6 | 4 |
| NUMBERS UNDER $ 7000 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |

**LEGEND**

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

NUMBER OF TECHNICIANS COVERED - 19090

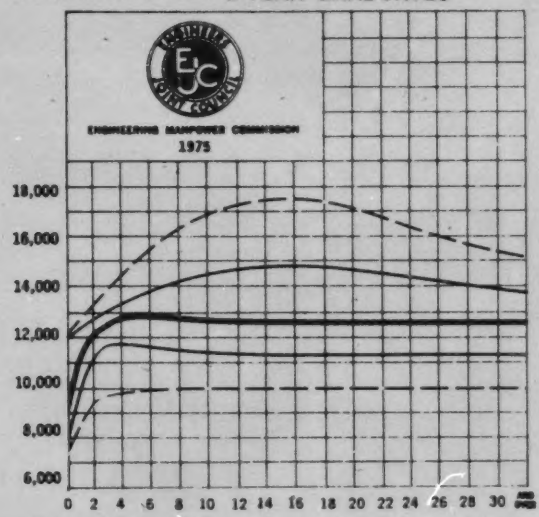
Unweighted total - 13,651

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

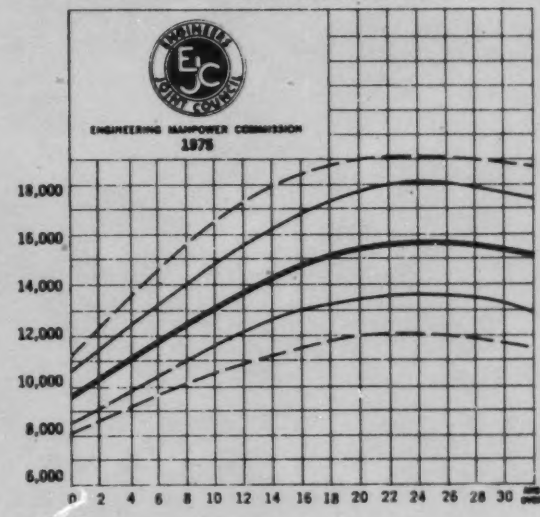


60

Annual Salary by Equivalent Years Since Graduation from Technical Institute* **2-YEAR GRADUATES**




Annual Salary by Equivalent Years Since Graduation from Technical Institute* **NON GRADUATES**




## 2-YEAR GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 12150 | 12400 | 13400 | 13950 | 14500 | 15000 | 15500 | 15950 | 16300 |
| UPPER QUARTILE | 12000 | 12400 | 12700 | 13050 | 13300 | 13600 | 13450 | 14050 | 14250 |
| MEDIAN | 9300 | 11200 | 12250 | 12750 | 12900 | 12900 | 12850 | 12750 | 12750 |
| LOWER QUARTILE | 8350 | 10250 | 11350 | 11750 | 11800 | 11700 | 11600 | 11500 | 11400 |
| LOWER DECILE | 7650 | 8750 | 9450 | 9800 | 9950 | 10000 | 10000 | 10000 | 10000 |
| MEAN | 11100 | 11450 | 11750 | 12050 | 12300 | 12500 | 12700 | 12850 | 13000 |
| TOTAL NUMBER | 112 | 362 | 629 | 799 | 795 | 641 | 543 | 609 | 697 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 4 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 16900 | 17400 | 17450 | 17200 | 16750 | 16200 | 15700 | 15150 | 14550 |
| UPPER QUARTILE | 14550 | 14900 | 14850 | 14750 | 14550 | 14380 | 14050 | 13750 | 13400 |
| MEDIAN | 12650 | 12550 | 12600 | 12600 | 12600 | 12600 | 12600 | 12600 | 12600 |
| LOWER QUARTILE | 11300 | 11250 | 11250 | 11250 | 11250 | 11250 | 11250 | 11250 | 11250 |
| LOWER DECILE | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 |
| MEAN | 13200 | 13100 | 13250 | 13150 | 12950 | 12800 | 12700 | 12550 | 12450 |
| TOTAL NUMBER | 1538 | 1166 | 902 | 737 | 574 | 530 | 444 | 668 | 644 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| NUMBERS UNDER $ 7000 | 0 | 4 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 12289 Unweighted total - 7,648

## NON-GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 11150 | 11700 | 12300 | 12900 | 13450 | 14000 | 14600 | 15100 | 15650 |
| UPPER QUARTILE | 10650 | 11050 | 11450 | 11850 | 12300 | 12700 | 13150 | 13550 | 14000 |
| MEDIAN | 9750 | 10100 | 10400 | 10750 | 11100 | 11450 | 11750 | 12100 | 12450 |
| LOWER QUARTILE | 8600 | 8950 | 9250 | 9550 | 9850 | 10150 | 10500 | 10800 | 11100 |
| LOWER DECILE | 8150 | 8400 | 8650 | 8850 | 9100 | 9350 | 9600 | 9850 | 10050 |
| MEAN | 9750 | 10100 | 10450 | 10850 | 11200 | 11550 | 11950 | 12300 | 12650 |
| TOTAL NUMBER | 6 | 46 | 105 | 122 | 149 | 201 | 142 | 240 | 266 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 16550 | 17700 | 18500 | 18950 | 19100 | 19100 | 18950 | 18700 | 18350 |
| UPPER QUARTILE | 14800 | 15950 | 16900 | 17600 | 18000 | 18100 | 17900 | 17300 | 15950 |
| MEDIAN | 13100 | 14000 | 14750 | 15360 | 15600 | 15700 | 15550 | 15050 | 13750 |
| LOWER QUARTILE | 11650 | 12450 | 13050 | 13450 | 13650 | 13650 | 13450 | 12950 | 11900 |
| LOWER DECILE | 10500 | 11100 | 11550 | 11900 | 12050 | 12050 | 11900 | 11500 | 10600 |
| MEAN | 13300 | 14200 | 14900 | 15400 | 15650 | 15650 | 15450 | 15050 | 14050 |
| TOTAL NUMBER | 665 | 667 | 646 | 580 | 540 | 423 | 413 | 484 | 268 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 1 | 4 | 0 | 1 | 3 | 1 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 6003

**LEGEND**

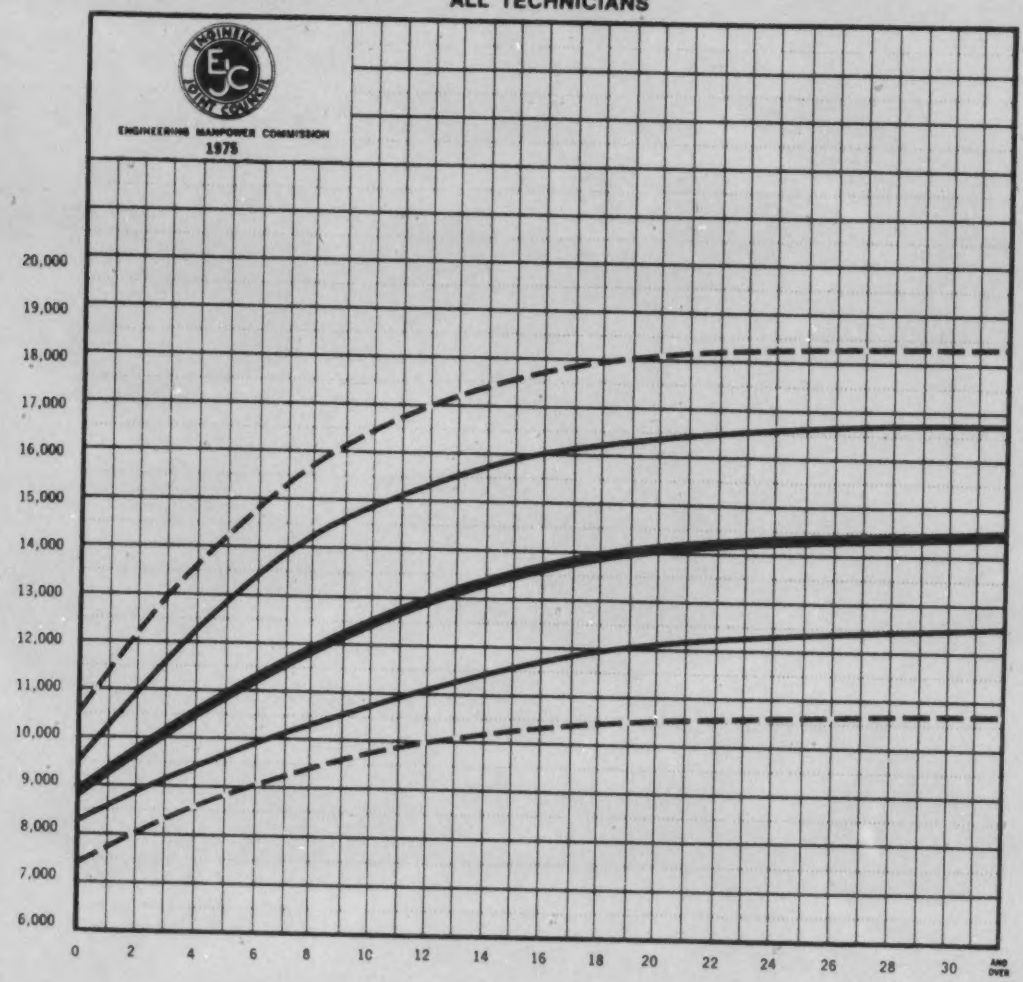
- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

# ELECTRONIC EQUIPMENT

## ALL TECHNICIANS




**LEGEND**

- Upper Decile — — —
- Upper Quartile ——
- Median ▬▬
- Lower Quartile ——
- Lower Decile — — —

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 10600 | 11400 | 12150 | 12900 | 13550 | 14200 | 14750 | 15250 | 15700 |
| UPPER QUARTILE | 9550 | 10250 | 10950 | 11600 | 12250 | 12800 | 13300 | 13750 | 14200 |
| MEDIAN | 8800 | 9250 | 9650 | 10100 | 10500 | 10850 | 11200 | 11550 | 11850 |
| LOWER QUARTILE | 8300 | 8600 | 8900 | 9150 | 9400 | 9700 | 9900 | 10150 | 10350 |
| LOWER DECILE | 7650 | 7750 | 8050 | 8350 | 8600 | 8800 | 9050 | 9250 | 9400 |
| MEAN | 9050 | 9500 | 9950 | 10400 | 10850 | 11200 | 11600 | 11900 | 12250 |
| TOTAL NUMBER | 68 | 163 | 211 | 189 | 139 | 244 | 295 | 285 | 297 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 5 | 8 | 1 | 3 | 0 | 0 | 0 | 0 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 16450 | 17200 | 17700 | 18000 | 18150 | 18250 | 18300 | 18300 | 18300 |
| UPPER QUARTILE | 14850 | 15400 | 16050 | 16350 | 16500 | 16600 | 16650 | 16650 | 16700 |
| MEDIAN | 12400 | 13100 | 13600 | 13950 | 14150 | 14300 | 14400 | 14500 | 14500 |
| LOWER QUARTILE | 10750 | 11250 | 11650 | 11950 | 12200 | 12350 | 12450 | 12550 | 12600 |
| LOWER DECILE | 9750 | 10100 | 10300 | 10450 | 10550 | 10600 | 10600 | 10650 | 10650 |
| MEAN | 13750 | 13400 | 13800 | 14100 | 14300 | 14400 | 14500 | 14550 | 14550 |
| TOTAL NUMBER | 527 | 410 | 319 | 234 | 241 | 287 | 229 | 362 | 322 |
| NUMBERS OVER $20000 | 0 | 1 | 4 | 2 | 1 | 6 | 3 | 0 | 9 |
| NUMBERS UNDER $ 7000 | 0 | 1 | 1 | 2 | 0 | 2 | 2 | 2 | 2 |

NUMBER OF TECHNICIANS COVERED - 4822

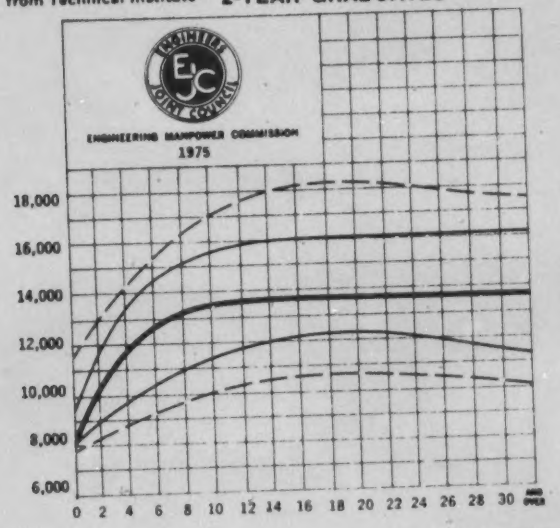
*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.



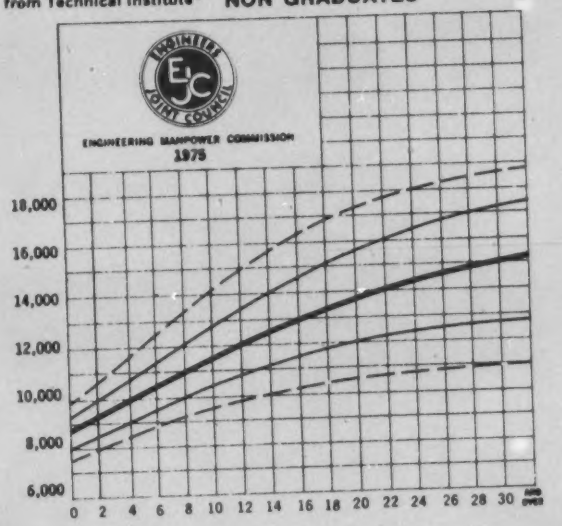
62

# ELECTRONIC EQUIPMENT

Annual Salary by Equivalent Years Since Graduation from Technical Institute* **2-YEAR GRADUATES**




Annual Salary by Equivalent Years Since Graduation from Technical Institute* **NON GRADUATES**




## 2-YEAR GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 11500 | 12150 | 12888 | 13450 | 14100 | 14700 | 15250 | 15750 | 16250 |
| UPPER QUARTILE | 9600 | 10750 | 11750 | 12650 | 13400 | 14000 | 14500 | 14900 | 15200 |
| MEDIAN | 8200 | 9250 | 10200 | 11000 | 11700 | 12250 | 12700 | 13000 | 13250 |
| LOWER QUARTILE | 8400 | 8750 | 9050 | 9600 | 9700 | 10000 | 10300 | 10600 | 10850 |
| LOWER DECILE | 7450 | 8100 | 8350 | 8600 | 8850 | 9100 | 9300 | 9500 | 9700 |
| MEAN | 9300 | 9850 | 10460 | 10950 | 11450 | 11900 | 12350 | 12750 | 13100 |
| TOTAL NUMBER | 32 | 103 | 124 | 116 | 64 | 138 | 194 | 169 | 168 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 17050 | 17400 | 17800 | 18250 | 18150 | 17950 | 17700 | 17500 | 17300 |
| UPPER QUARTILE | 15600 | 15950 | 16050 | 16100 | 16148 | 16150 | 16150 | 16150 | 16150 |
| MEDIAN | 13500 | 13650 | 13750 | 13700 | 13700 | 13700 | 13700 | 13700 | 13700 |
| LOWER QUARTILE | 11350 | 11450 | 12150 | 12250 | 12200 | 12000 | 11700 | 11300 | 10750 |
| LOWER DECILE | 10050 | 10400 | 10650 | 10700 | 10650 | 10550 | 10350 | 10050 | 9650 |
| MEAN | 13650 | 14150 | 14700 | 14250 | 14050 | 13850 | 13650 | 13500 | 13300 |
| TOTAL NUMBER | 272 | 211 | 166 | 105 | 90 | 99 | 58 | 58 | 42 |
| NUMBERS OVER $20000 | 0 | 1 | 4 | 2 | 0 | 1 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 2209

## NON-GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 9950 | 10150 | 10800 | 11700 | 11650 | 12100 | 12500 | 12950 | 13350 |
| UPPER QUARTILE | 9250 | 9600 | 9950 | 10350 | 11700 | 11050 | 11400 | 11750 | 12100 |
| MEDIAN | 8850 | 9100 | 9400 | 9650 | 9950 | 10200 | 10500 | 10750 | 11050 |
| LOWER QUARTILE | 8050 | 8100 | 8550 | 8800 | 9050 | 9250 | 9500 | 9750 | 9950 |
| LOWER DECILE | 7500 | 7700 | 7950 | 8150 | 8350 | 8550 | 8750 | 8950 | 9100 |
| MEAN | 8750 | 9050 | 9350 | 9650 | 9950 | 10250 | 10550 | 10850 | 11150 |
| TOTAL NUMBER | 16 | 68 | 87 | 73 | 75 | 106 | 191 | 116 | 129 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 4 | 1 | 3 | 0 | 0 | 0 | 0 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 14200 | 15350 | 16300 | 17150 | 17750 | 18250 | 18550 | 18800 | 18950 |
| UPPER QUARTILE | 12600 | 13450 | 14650 | 15400 | 16050 | 16600 | 17050 | 17400 | 17700 |
| MEDIAN | 11550 | 12300 | 12950 | 13550 | 14050 | 14500 | 14800 | 15150 | 15450 |
| LOWER QUARTILE | 10400 | 10950 | 11450 | 11850 | 12200 | 12500 | 12700 | 12850 | 13050 |
| LOWER DECILE | 9400 | 9850 | 10200 | 10450 | 10650 | 10800 | 10900 | 11000 | 11050 |
| MEAN | 11700 | 12450 | 13100 | 13650 | 14100 | 14450 | 14750 | 15000 | 15200 |
| TOTAL NUMBER | 256 | 199 | 151 | 129 | 151 | 188 | 171 | 304 | 280 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 1 | 3 | 7 | 8 | 9 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 1 | 2 | 0 | 2 | 2 | 2 | 2 |

NUMBER OF TECHNICIANS COVERED - 2813

**LEGEND**

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

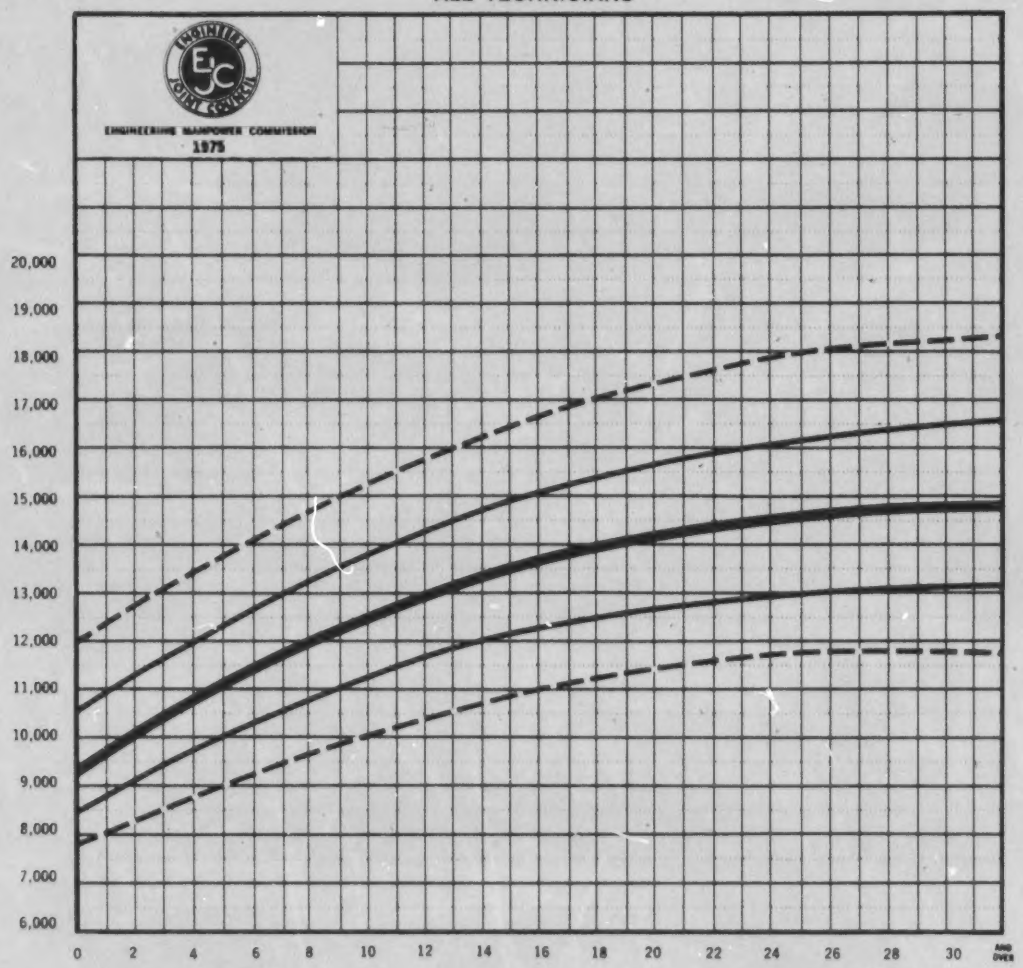
*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.


63

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

# ALL CONSUMER PRODUCTS

## ALL TECHNICIANS




| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 12000 | 12350 | 12700 | 13050 | 13400 | 13750 | 14050 | 14350 | 14650 |
| UPPER QUARTILE | 10600 | 10950 | 11300 | 11650 | 11950 | 12300 | 12600 | 12900 | 13200 |
| MEDIAN | 9350 | 9700 | 10050 | 10400 | 10700 | 11050 | 11350 | 11650 | 11950 |
| LOWER QUARTILE | 8500 | 8850 | 9150 | 9450 | 9750 | 10000 | 10250 | 10550 | 10750 |
| LOWER DECILE | 7850 | 8100 | 8300 | 8550 | 8750 | 9000 | 9200 | 9400 | 9650 |
| MEAN | 9650 | 10000 | 10300 | 10650 | 10950 | 11250 | 11550 | 11800 | 12100 |
| TOTAL NUMBER | 28 | 47 | 80 | 92 | 78 | 93 | 77 | 93 | 99 |
| NUMBERS OVER $25000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 15200 | 15950 | 16600 | 17100 | 17550 | 17850 | 18130 | 18350 | 18500 |
| UPPER QUARTILE | 13750 | 14450 | 15050 | 15550 | 15900 | 16200 | 16430 | 16600 | 16700 |
| MEDIAN | 12450 | 13150 | 13650 | 14050 | 14350 | 14550 | 14700 | 14850 | 14900 |
| LOWER QUARTILE | 11200 | 11750 | 12200 | 12500 | 12750 | 12950 | 13050 | 13150 | 13200 |
| LOWER DECILE | 10000 | 10550 | 11000 | 11350 | 11600 | 11700 | 11750 | 11750 | 11500 |
| MEAN | 12550 | 13210 | 13760 | 14100 | 14400 | 14600 | 14750 | 14900 | 14950 |
| TOTAL NUMBER | 177 | 152 | 152 | 166 | 157 | 160 | 177 | 240 | 222 |
| NUMBERS OVER $25000 | 1 | 0 | 1 | 2 | 0 | 0 | 1 | 9 | 11 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |

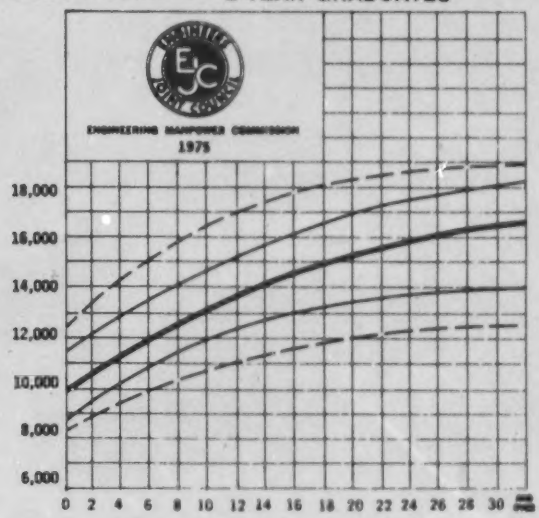
NUMBER OF TECHNICIANS COVERED = 2277

**LEGEND**

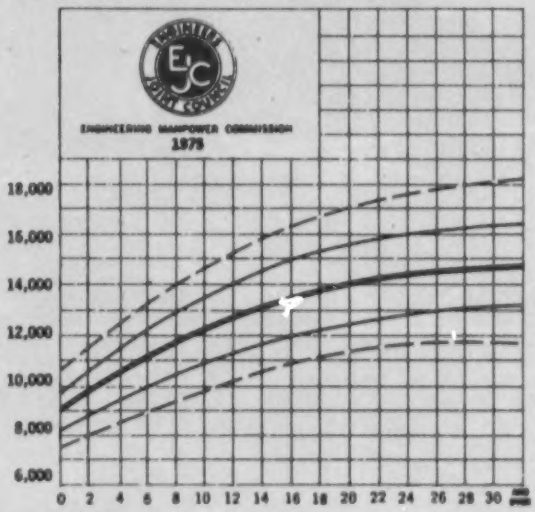
- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent Years Since Graduation from Technical Institute* **2-YEAR GRADUATES**




Annual Salary by Equivalent Years Since Graduation from Technical Institute* **NON GRADUATES**




## 2-YEAR GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 12400 | 12900 | 13350 | 13800 | 14250 | 14650 | 15050 | 15400 | 15750 |
| UPPER QUARTILE | 11550 | 11900 | 12250 | 12550 | 12900 | 13200 | 13500 | 13800 | 14100 |
| MEDIAN | 10800 | 10350 | 10600 | 10900 | 11200 | 11500 | 11800 | 12100 | 12400 |
| LOWER QUARTILE | 8700 | 9050 | 9450 | 9800 | 10150 | 10500 | 10850 | 11150 | 11450 |
| LOWER DECILE | 8350 | 8600 | 8900 | 9150 | 9400 | 9650 | 9900 | 10150 | 10350 |
| MEAN | 10100 | 10500 | 10850 | 11200 | 11550 | 11850 | 12200 | 12500 | 12800 |
| TOTAL NUMBER | 0 | 33 | 37 | 49 | 31 | 45 | 31 | 26 | 25 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 14400 | 17150 | 17750 | 18200 | 18500 | 18700 | 18850 | 18950 | 19000 |
| UPPER QUARTILE | 14700 | 15500 | 16150 | 16750 | 17250 | 17650 | 17950 | 18250 | 18500 |
| MEDIAN | 12950 | 13750 | 14450 | 15050 | 15550 | 15950 | 16300 | 16600 | 16900 |
| LOWER QUARTILE | 11950 | 12600 | 13050 | 13400 | 13650 | 13800 | 13900 | 14000 | 14050 |
| LOWER DECILE | 10750 | 11250 | 11650 | 11950 | 12200 | 12350 | 12500 | 12600 | 12650 |
| MEAN | 13350 | 14050 | 14650 | 15150 | 15500 | 15750 | 15950 | 16100 | 16250 |
| TOTAL NUMBER | 47 | 36 | 24 | 15 | 13 | 17 | 16 | 18 | 10 |
| NUMBERS OVER $20000 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 2 | 3 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 474

## NON-GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 10750 | 11150 | 11600 | 12000 | 12400 | 12800 | 13200 | 13600 | 13950 |
| UPPER QUARTILE | 9700 | 10100 | 10550 | 11000 | 11400 | 11800 | 12250 | 12550 | 12900 |
| MEDIAN | 9050 | 9400 | 9750 | 10100 | 10450 | 10800 | 11150 | 11400 | 11700 |
| LOWER QUARTILE | 8200 | 8500 | 8800 | 9100 | 9400 | 9650 | 9950 | 10200 | 10450 |
| LOWER DECILE | 7650 | 7900 | 7950 | 8200 | 8450 | 8700 | 8950 | 9200 | 9400 |
| MEAN | 9000 | 9400 | 9750 | 10100 | 10450 | 10800 | 11150 | 11450 | 11750 |
| TOTAL NUMBER | 14 | 14 | 43 | 43 | 39 | 48 | 44 | 47 | 74 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 14650 | 15550 | 16300 | 16900 | 17350 | 17700 | 18000 | 18200 | 18350 |
| UPPER QUARTILE | 13550 | 14400 | 15000 | 15500 | 15850 | 16100 | 16250 | 16400 | 16450 |
| MEDIAN | 12200 | 12900 | 13450 | 13900 | 14200 | 14450 | 14600 | 14750 | 14850 |
| LOWER QUARTILE | 10900 | 11500 | 12000 | 12350 | 12650 | 12900 | 13050 | 13150 | 13200 |
| LOWER DECILE | 9850 | 10450 | 10950 | 11350 | 11600 | 11700 | 11750 | 11700 | 11500 |
| MEAN | 12300 | 13000 | 13550 | 13950 | 14300 | 14500 | 14650 | 14800 | 14850 |
| TOTAL NUMBER | 170 | 116 | 128 | 151 | 144 | 143 | 161 | 238 | 212 |
| NUMBERS OVER $20000 | 0 | 0 | 3 | 1 | 0 | 0 | 2 | 7 | 8 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |

NUMBER OF TECHNICIANS COVERED - 1803

**LEGEND**

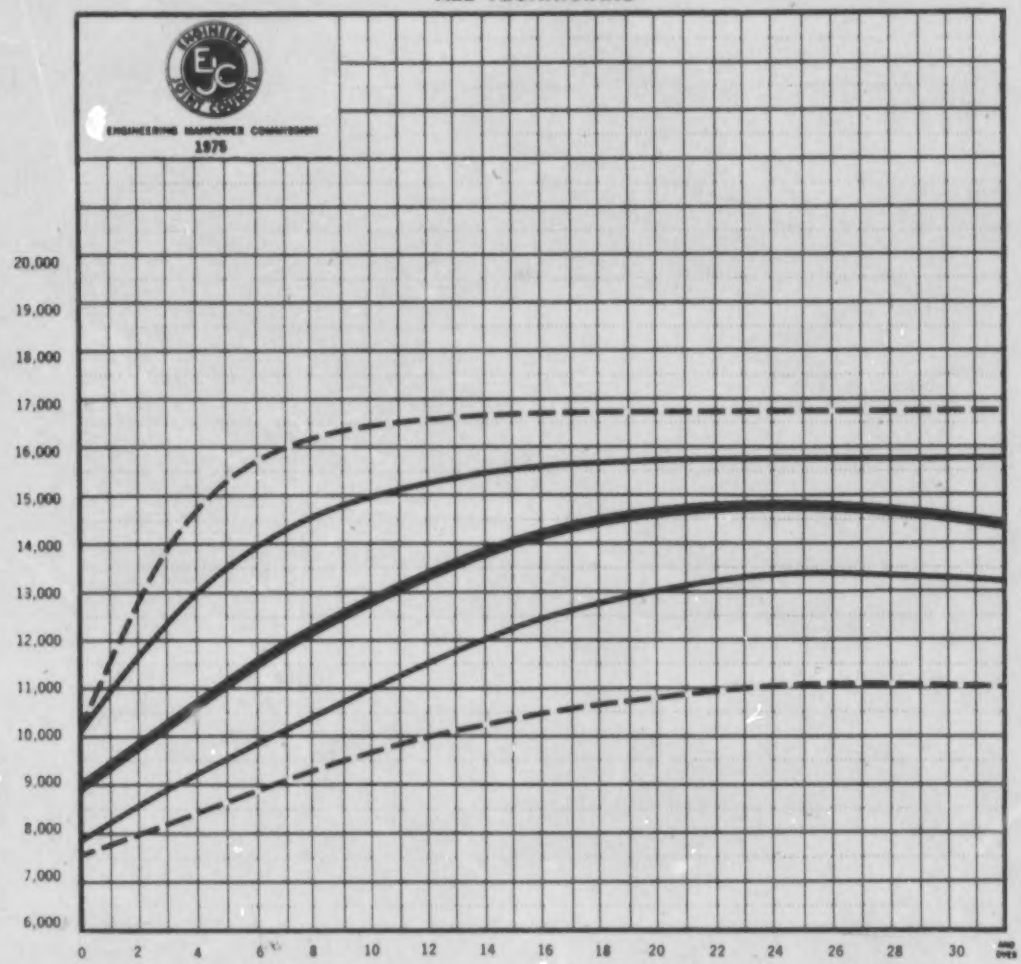
Upper Decile
Upper Quartile
Median
Lower Quartile
Lower Decile

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

# CHEMICALS

## ALL TECHNICIANS




| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 10100 | 11700 | 13000 | 14050 | 14800 | 15350 | 15750 | 16050 | 16200 |
| UPPER QUARTILE | 10200 | 11050 | 11800 | 12450 | 13000 | 13500 | 13900 | 14250 | 14450 |
| MEDIAN | 8950 | 9400 | 9800 | 10200 | 10600 | 11000 | 11400 | 11800 | 12150 |
| LOWER QUARTILE | 7900 | 8250 | 8550 | 8850 | 9150 | 9450 | 9800 | 10100 | 10400 |
| LOWER DECILE | 7550 | 7750 | 8000 | 8200 | 8400 | 8650 | 8850 | 9050 | 9250 |
| MEAN | 9100 | 9650 | 10150 | 10650 | 11100 | 11500 | 11900 | 12250 | 12500 |
| TOTAL NUMBER | 12 | 21 | 19 | 21 | 18 | 19 | 20 | 22 | 14 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |

**LEGEND**

Upper Decile — — —
Upper Quartile ——— · ———
Median ▬▬▬
Lower Quartile ———
Lower Decile — — —

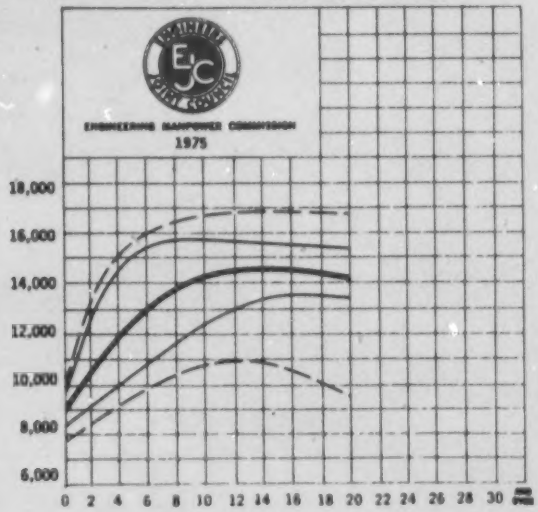
| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 16450 | 16600 | 16650 | 16650 | 16700 | 16700 | 16700 | 16700 | 16700 |
| UPPER QUARTILE | 14950 | 15350 | 15550 | 15650 | 15700 | 15700 | 15700 | 15700 | 15700 |
| MEDIAN | 12800 | 13600 | 14200 | 14550 | 14700 | 14700 | 14650 | 14400 | 14150 |
| LOWER QUARTILE | 11000 | 11800 | 12450 | 12950 | 13250 | 13400 | 13350 | 13150 | 12600 |
| LOWER DECILE | 9650 | 10100 | 10500 | 10800 | 10950 | 11050 | 11050 | 11000 | 10800 |
| MEAN | 13000 | 13550 | 13850 | 14050 | 14200 | 14250 | 14300 | 14350 | 14350 |
| TOTAL NUMBER | 48 | 27 | 27 | 75 | 42 | 53 | 43 | 46 | 39 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 509

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

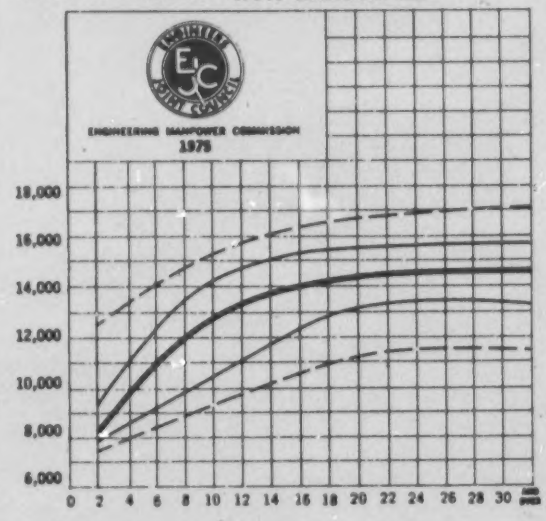
Annual Salary by Equivalent Years Since Graduation from Technical Institute*

## 2-YEAR GRADUATES




Annual Salary by Equivalent Years Since Graduation from Technical Institute*

## NON GRADUATES




## 2-YEAR GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 10000 | 11750 | 13150 | 14200 | 0 | 15600 | 16000 | 16250 | 0 |
| UPPER QUARTILE | 9950 | 11350 | 12600 | 13600 | 0 | 15000 | 15400 | 15650 | 0 |
| MEDIAN | 9450 | 9850 | 10600 | 11300 | 0 | 12550 | 13050 | 13450 | 0 |
| LOWER QUARTILE | 8350 | 8700 | 9150 | 9550 | 0 | 10400 | 10850 | 11250 | 0 |
| LOWER DECILE | 7850 | 8200 | 8600 | 8850 | 0 | 9600 | 9900 | 10200 | 0 |
| MEAN | 9350 | 10100 | 10700 | 11750 | 0 | 12450 | 12950 | 13350 | 0 |
| TOTAL NUMBER | 8 | 17 | 9 | 14 | 2 | 10 | 12 | 5 | 3 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 16700 | 16600 | 16850 | 16850 | 0 | 0 | 0 | 0 | 0 |
| UPPER QUARTILE | 15750 | 15600 | 15400 | 15300 | 0 | 0 | 0 | 0 | 0 |
| MEDIAN | 14250 | 14450 | 14400 | 14200 | 0 | 0 | 0 | 0 | 0 |
| LOWER QUARTILE | 12400 | 13700 | 13500 | 13400 | 0 | 0 | 0 | 0 | 0 |
| LOWER DECILE | 10750 | 10900 | 13350 | 9550 | 0 | 0 | 0 | 0 | 0 |
| MEAN | 14150 | 14350 | 14150 | 13750 | 0 | 0 | 0 | 0 | 0 |
| TOTAL NUMBER | 9 | 6 | 5 | 5 | 1 | 3 | 2 | 0 | 1 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 114

## NON-GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 0 | 0 | 12450 | 12900 | 13300 | 13700 | 14050 | 14400 | 14700 |
| UPPER QUARTILE | 0 | 0 | 9350 | 10200 | 11000 | 11700 | 12350 | 12950 | 13450 |
| MEDIAN | 0 | 0 | 8200 | 8950 | 9650 | 10350 | 10950 | 11500 | 11950 |
| LOWER QUARTILE | 0 | 0 | 7900 | 8200 | 8550 | 8850 | 9200 | 9550 | 9850 |
| LOWER DECILE | 0 | 0 | 7400 | 7650 | 7850 | 8100 | 8350 | 8600 | 8850 |
| MEAN | 0 | 0 | 8850 | 9450 | 10050 | 10600 | 11100 | 11550 | 11950 |
| TOTAL NUMBER | 4 | 4 | 3 | 7 | 8 | 9 | 8 | 17 | 11 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 15250 | 15450 | 16300 | 16600 | 16800 | 16900 | 17000 | 17050 | 17050 |
| UPPER QUARTILE | 14200 | 14950 | 15350 | 15500 | 15700 | 15750 | 15750 | 15750 | 15750 |
| MEDIAN | 12750 | 13550 | 14000 | 14300 | 14400 | 14500 | 14500 | 14550 | 14550 |
| LOWER QUARTILE | 10550 | 11450 | 12300 | 12900 | 13350 | 13550 | 13500 | 13250 | 12450 |
| LOWER DECILE | 9300 | 10000 | 10600 | 11050 | 11400 | 11600 | 11650 | 11650 | 10750 |
| MEAN | 12450 | 13350 | 13800 | 14050 | 14200 | 14300 | 14350 | 14350 | 14350 |
| TOTAL NUMBER | 31 | 21 | 22 | 30 | 39 | 50 | 41 | 46 | 38 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 395

**LEGEND**

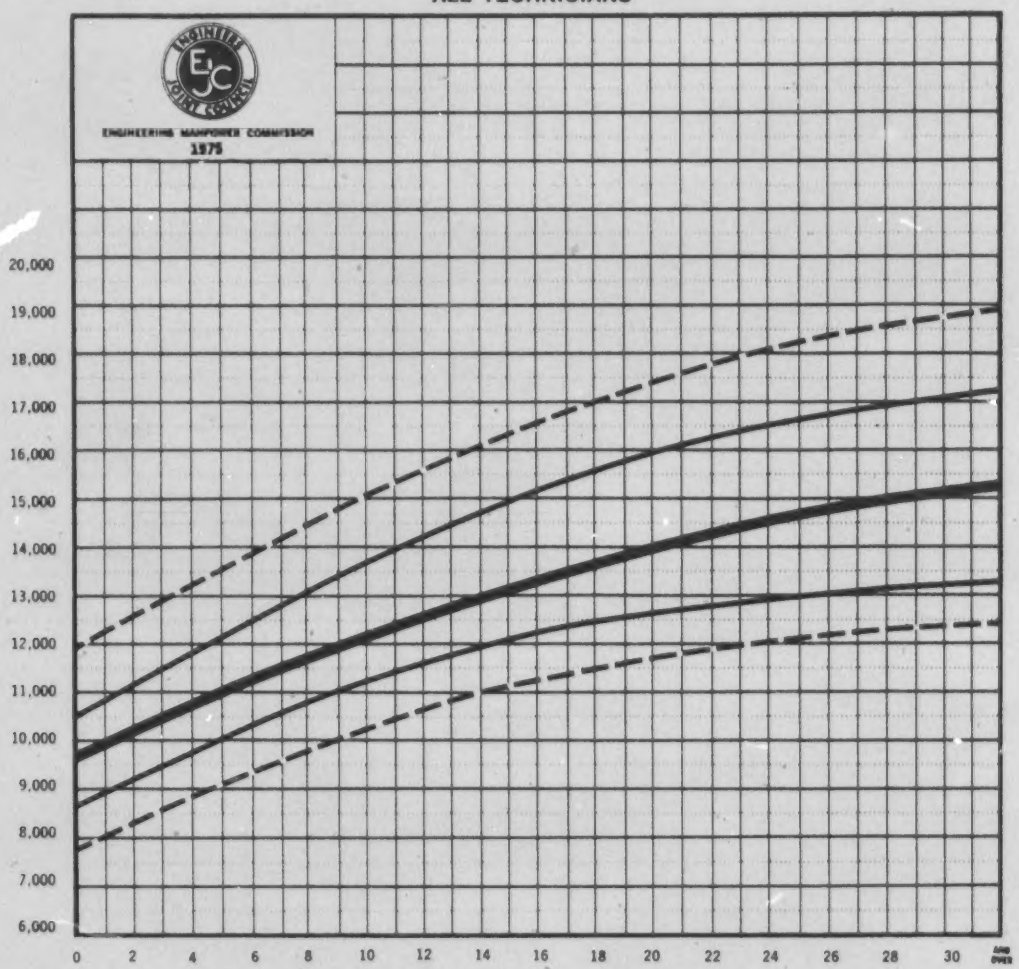
- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

# PETROLEUM INDUSTRY

## ALL TECHNICIANS




| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 11900 | 12250 | 12550 | 12900 | 13200 | 13550 | 13850 | 14150 | 14450 |
| UPPER QUARTILE | 10550 | 10900 | 11200 | 11550 | 11850 | 12150 | 12500 | 12800 | 13100 |
| MEDIAN | 9750 | 10000 | 10250 | 10500 | 10700 | 10950 | 11200 | 11450 | 11650 |
| LOWER QUARTILE | 8600 | 8900 | 9200 | 9500 | 9750 | 10050 | 10300 | 10550 | 10800 |
| LOWER DECILE | 7800 | 8100 | 8350 | 8600 | 8850 | 9050 | 9300 | 9550 | 9750 |
| MEAN | 9700 | 10000 | 10300 | 10600 | 10850 | 11150 | 11400 | 11700 | 11950 |
| TOTAL NUMBER | 17 | 20 | 47 | 49 | 51 | 49 | 48 | 65 | 71 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 2 | 0 |

**LEGEND**

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 15850 | 15950 | 16550 | 17200 | 17750 | 18200 | 18600 | 18950 | 19250 |
| UPPER QUARTILE | 13650 | 14450 | 15150 | 15750 | 16200 | 16650 | 16950 | 17250 | 17500 |
| MEDIAN | 12100 | 12750 | 13350 | 13850 | 14300 | 14650 | 15000 | 15300 | 15600 |
| LOWER QUARTILE | 11200 | 11900 | 12250 | 12600 | 12850 | 13050 | 13150 | 13300 | 13350 |
| LOWER DECILE | 10200 | 10750 | 11250 | 11600 | 11900 | 12150 | 12300 | 12450 | 12550 |
| MEAN | 12450 | 13100 | 13700 | 14200 | 14600 | 14950 | 15200 | 15400 | 15600 |
| TOTAL NUMBER | 117 | 104 | 90 | 111 | 126 | 129 | 129 | 188 | 168 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 1 | 1 | 0 | 4 | 11 | 13 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

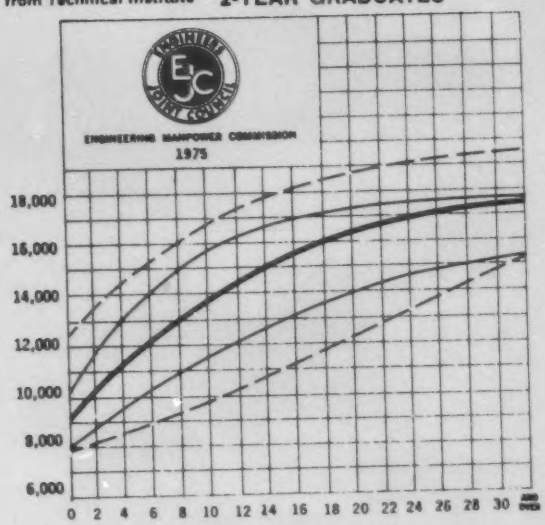
NUMBER OF TECHNICIANS COVERED - 1579

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.


68

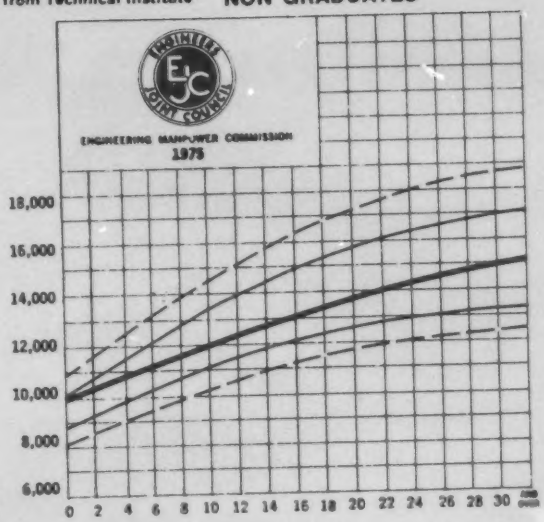
Annual Salary by Equivalent Years Since Graduation from Technical Institute*

## 2-YEAR GRADUATES




Annual Salary by Equivalent Years Since Graduation from Technical Institute*

## NON GRADUATES




## 2-YEAR GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 12500 | 13000 | 13500 | 13950 | 14400 | 14850 | 15250 | 15650 | 16000 |
| UPPER QUARTILE | 10250 | 11000 | 11700 | 12400 | 13050 | 13600 | 14150 | 14650 | 15050 |
| MEDIAN | 9200 | 9700 | 10200 | 10650 | 11150 | 11600 | 12050 | 12500 | 12900 |
| LOWER QUARTILE | 8100 | 8450 | 8800 | 9100 | 9450 | 9800 | 10150 | 10450 | 10800 |
| LOWER DECILE | 7850 | 8000 | 8200 | 8350 | 8550 | 8750 | 8950 | 9150 | 9350 |
| MEAN | 9700 | 10100 | 10500 | 10900 | 11300 | 11700 | 12050 | 12400 | 12750 |
| TOTAL NUMBER | 7 | 9 | 17 | 20 | 15 | 14 | 8 | 11 | 12 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 16700 | 17500 | 18150 | 18600 | 18950 | 19200 | 19350 | 19450 | 0 |
| UPPER QUARTILE | 15750 | 16500 | 16950 | 17250 | 17400 | 17500 | 17500 | 17550 | 0 |
| MEDIAN | 13700 | 14700 | 15550 | 16200 | 16650 | 17000 | 17200 | 17400 | 0 |
| LOWER QUARTILE | 11450 | 12300 | 13050 | 13750 | 14250 | 14700 | 15000 | 15300 | 0 |
| LOWER DECILE | 9750 | 10400 | 11150 | 11900 | 12700 | 13550 | 14450 | 15700 | 0 |
| MEAN | 13450 | 14300 | 15050 | 15650 | 16150 | 16500 | 16750 | 16950 | 0 |
| TOTAL NUMBER | 19 | 15 | 6 | 6 | 10 | 12 | 9 | 10 | 4 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 1 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 205

## NON-GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 10900 | 11250 | 11650 | 12050 | 12400 | 12750 | 13150 | 13500 | 13850 |
| UPPER QUARTILE | 10100 | 10450 | 10800 | 11150 | 11500 | 11850 | 12150 | 12500 | 12800 |
| MEDIAN | 10000 | 10200 | 10400 | 10600 | 10800 | 11000 | 11200 | 11400 | 11600 |
| LOWER QUARTILE | 8800 | 9050 | 9350 | 9600 | 9850 | 10100 | 10300 | 10550 | 10750 |
| LOWER DECILE | 8150 | 8350 | 8600 | 8800 | 9000 | 9250 | 9450 | 9650 | 9850 |
| MEAN | 9550 | 9850 | 10150 | 10400 | 10700 | 11000 | 11250 | 11500 | 11750 |
| TOTAL NUMBER | 18 | 11 | 38 | 29 | 35 | 35 | 40 | 54 | 59 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 14550 | 15500 | 16300 | 17050 | 17650 | 18100 | 18500 | 18850 | 19150 |
| UPPER QUARTILE | 13400 | 14250 | 14950 | 15550 | 16100 | 16500 | 16800 | 17100 | 17300 |
| MEDIAN | 11950 | 12550 | 13050 | 13550 | 14050 | 14450 | 14800 | 15250 | 15750 |
| LOWER QUARTILE | 11150 | 11700 | 12100 | 12450 | 12750 | 12950 | 13100 | 13250 | 13350 |
| LOWER DECILE | 10200 | 10750 | 11200 | 11600 | 11900 | 12150 | 12300 | 12450 | 12550 |
| MEAN | 12250 | 12950 | 13550 | 14050 | 14500 | 14800 | 15100 | 15350 | 15550 |
| TOTAL NUMBER | 98 | 89 | 84 | 105 | 116 | 117 | 128 | 178 | 164 |
| NUMBERS OVER $20000 | 5 | 0 | 0 | 1 | 1 | 0 | 3 | 9 | 12 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 1374

**LEGEND**

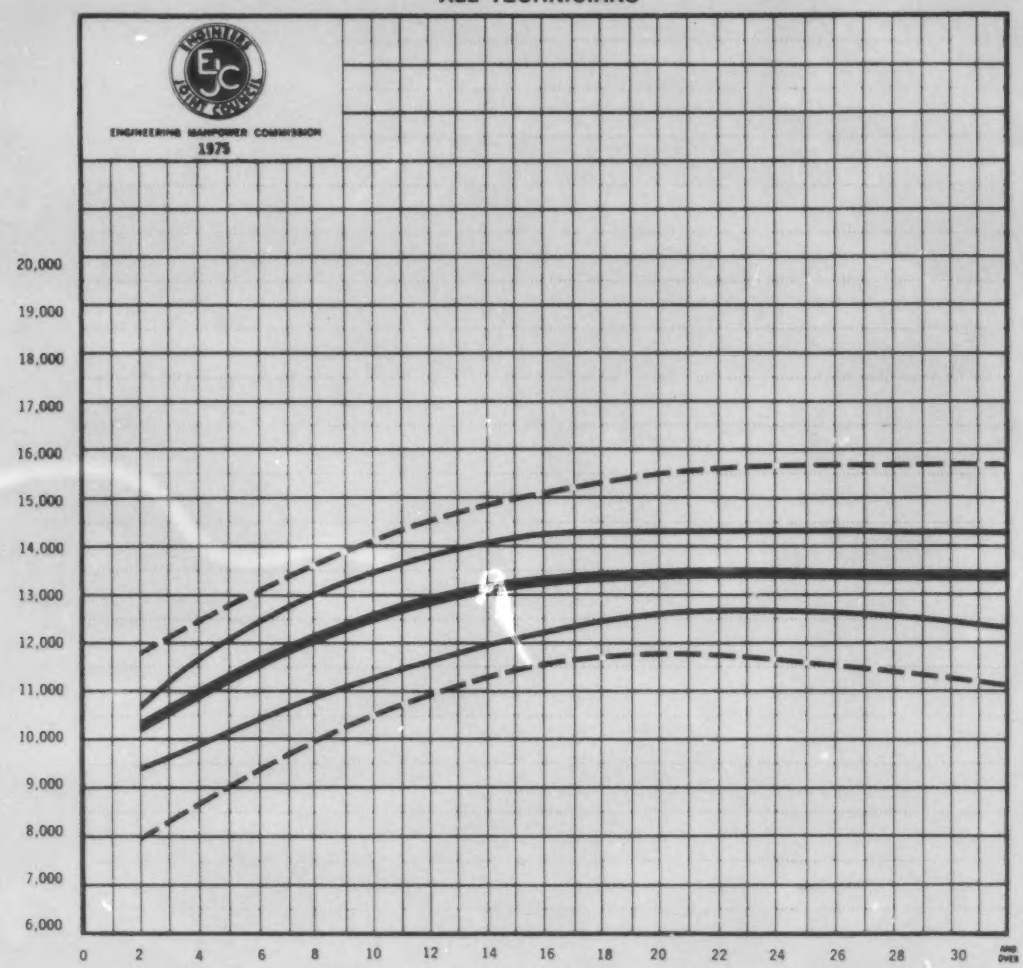
- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

PAPER

**ALL TECHNICIANS**




| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | * | * | 11900 | 12150 | 12450 | 12800 | 13100 | 13350 | 13600 |
| UPPER QUARTILE | * | * | 10550 | 11150 | 11600 | 12000 | 12350 | 12700 | 13000 |
| MEDIAN | * | * | 10250 | 10650 | 10950 | 11300 | 11600 | 11850 | 12100 |
| LOWER QUARTILE | * | * | 9600 | 9650 | 9900 | 10150 | 10350 | 10600 | 10850 |
| LOWER DECILE | * | * | 7950 | 8700 | 8650 | 9000 | 9350 | 9650 | 9950 |
| MEAN | * | * | 10050 | 10400 | 10750 | 11050 | 11400 | 11700 | 11950 |
| TOTAL NUMBER | 4 | 1 | 5 | 5 | 6 | 15 | 8 | 10 | 15 |
| NUMBERS OVER $20000 | * | * | * | * | * | * | * | * | * |
| NUMBERS UNDER $ 7000 | * | * | * | * | * | * | * | 1 | 1 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 14100 | 14450 | 15050 | 15350 | 15500 | 15600 | 15650 | 15650 | 15650 |
| UPPER QUARTILE | 13450 | 13950 | 14200 | 14300 | 14750 | 14350 | 14350 | 14300 | 14300 |
| MEDIAN | 12500 | 13000 | 13250 | 13400 | 13450 | 13450 | 13400 | 13400 | 13350 |
| LOWER QUARTILE | 11250 | 11750 | 12150 | 12450 | 12600 | 12600 | 12550 | 12350 | 11900 |
| LOWER DECILE | 10500 | 11150 | 11550 | 11700 | 11700 | 11550 | 11400 | 11100 | 10800 |
| MEAN | 12450 | 13000 | 13400 | 13550 | 13600 | 13550 | 13450 | 13250 | 13000 |
| TOTAL NUMBER | 30 | 28 | 39 | 29 | 29 | 21 | 26 | 30 | 26 |
| NUMBERS OVER $20000 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |

**LEGEND**

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

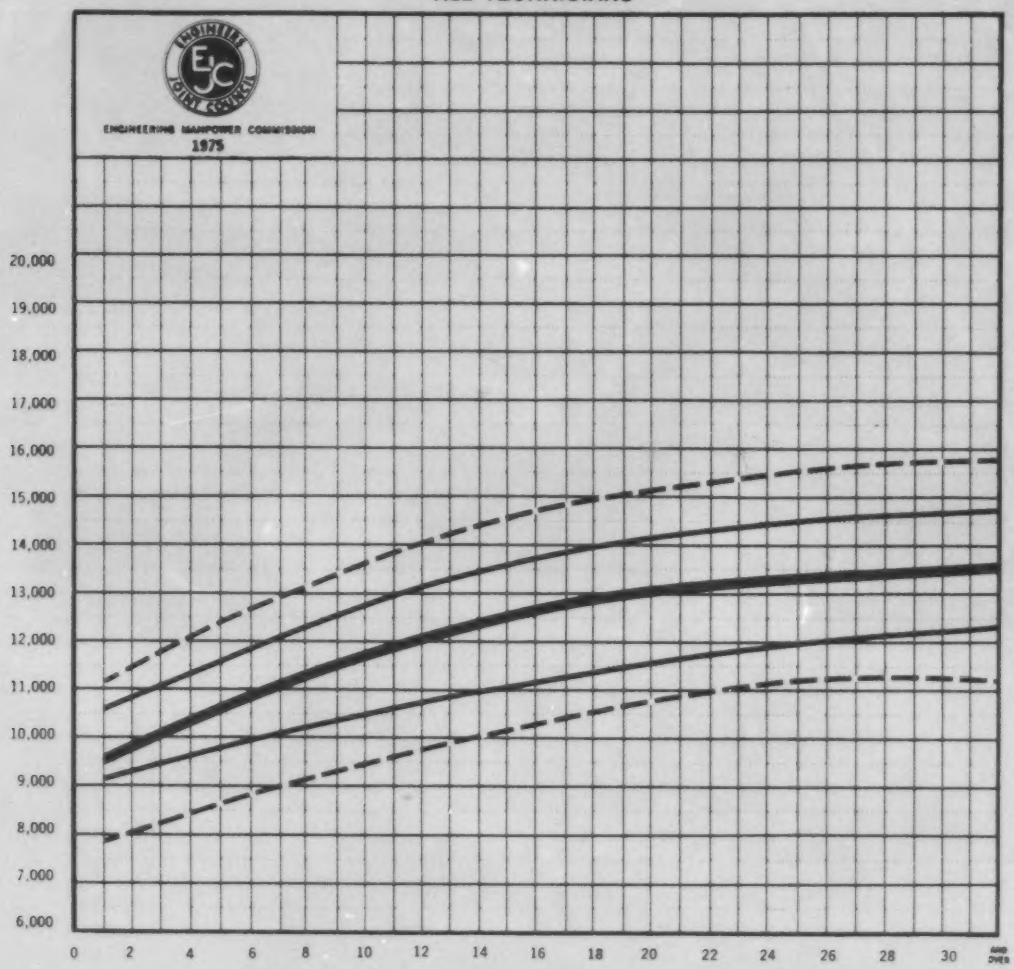
NUMBER OF TECHNICIANS COVERED - 328

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

# MISCELLANEOUS MANUFACTURING

## ALL TECHNICIANS




| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 0 | 11150 | 11450 | 11750 | 12050 | 12350 | 12600 | 12850 | 13100 |
| UPPER QUARTILE | 0 | 10550 | 10800 | 11050 | 11300 | 11550 | 11800 | 12050 | 12250 |
| MEDIAN | 0 | 9550 | 9800 | 10100 | 10350 | 10600 | 10850 | 11050 | 11250 |
| LOWER QUARTILE | 0 | 9150 | 9300 | 9450 | 9600 | 9750 | 9850 | 10000 | 10150 |
| LOWER DECILE | 0 | 7900 | 8100 | 8250 | 8450 | 8600 | 8800 | 8950 | 9100 |
| MEAN | 0 | 9750 | 10000 | 10200 | 10450 | 10650 | 10850 | 11050 | 11250 |
| TOTAL NUMBER | 2 | 10 | 23 | 25 | 16 | 21 | 19 | 15 | 25 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

**LEGEND**

Upper Decile — — —
Upper Quartile ———
Median ▬▬▬
Lower Quartile ———
Lower Decile — — —

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 13600 | 14150 | 14650 | 15000 | 15300 | 15500 | 15650 | 15800 | 15850 |
| UPPER QUARTILE | 12700 | 13250 | 13700 | 14050 | 14300 | 14500 | 14600 | 14700 | 14750 |
| MEDIAN | 11650 | 12150 | 12600 | 12900 | 13150 | 13300 | 13450 | 13550 | 13600 |
| LOWER QUARTILE | 10400 | 10900 | 11150 | 11500 | 11750 | 12000 | 12150 | 12300 | 12300 |
| LOWER DECILE | 9650 | 9950 | 10350 | 10750 | 11000 | 11200 | 11350 | 11700 | 10600 |
| MEAN | 11600 | 12050 | 12500 | 12800 | 13050 | 13300 | 13450 | 13600 | 13700 |
| TOTAL NUMBER | 50 | 43 | 48 | 49 | 40 | 30 | 36 | 48 | 55 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 4 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 555

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

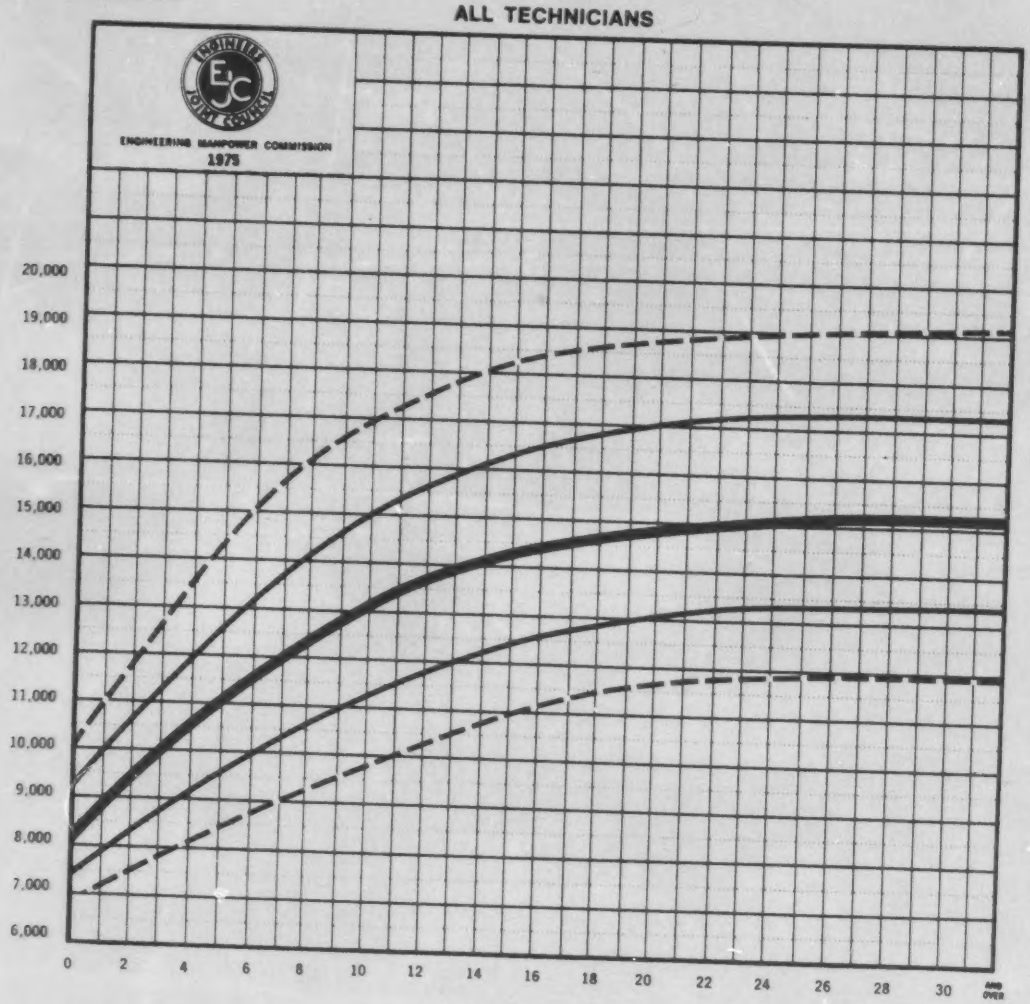


71

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

# ALL NONMANUFACTURING INDUSTRY

## ALL TECHNICIANS




| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 10150 | 11050 | 11900 | 12750 | 13550 | 14250 | 14900 | 15500 | 16050 |
| UPPER QUARTILE | 9380 | 10000 | 10700 | 11350 | 12000 | 12600 | 13150 | 13700 | 14150 |
| MEDIAN | 8250 | 8850 | 9450 | 10000 | 10550 | 11050 | 11500 | 11950 | 12350 |
| LOWER QUARTILE | 7450 | 7900 | 8300 | 8700 | 9100 | 9500 | 9850 | 10250 | 10600 |
| LOWER DECILE | | 7150 | 7450 | 7750 | 8050 | 8350 | 8650 | 8950 | 9250 |
| MEAN | 8500 | 9100 | 9650 | 10200 | 10700 | 11200 | 11650 | 12050 | 12450 |
| TOTAL NUMBER | 259 | 398 | 482 | 508 | 544 | 499 | 622 | 602 | 580 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| NUMBERS UNDER $ 7000 | 82 | 25 | 19 | 23 | 14 | 9 | 6 | 6 | 6 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 16900 | 17850 | 18400 | 18750 | 18900 | 19000 | 19050 | 19100 | 19100 |
| UPPER QUARTILE | 15800 | 15900 | 16500 | 16900 | 17150 | 17300 | 17350 | 17400 | 17400 |
| MEDIAN | 13850 | 13850 | 14400 | 14750 | 14950 | 15050 | 15150 | 15150 | 15200 |
| LOWER QUARTILE | 11200 | 12000 | 12550 | 12950 | 13200 | 13300 | 13350 | 13400 | 13400 |
| LOWER DECILE | 9800 | 10500 | 11100 | 11500 | 11800 | 11900 | 11950 | 11950 | 11800 |
| MEAN | 13150 | 13950 | 14500 | 14900 | 15100 | 15250 | 15350 | 15[illegible]0 | 15400 |
| TOTAL NUMBER | 1392 | 1147 | 1025 | 892 | 728 | 802 | 483 | 947 | 979 |
| NUMBERS OVER $20000 | 12 | 19 | 27 | 24 | 45 | 34 | 41 | 54 | 60 |
| NUMBERS UNDER $ 7000 | 6 | 0 | 2 | 1 | 0 | 3 | 0 | 0 | 0 |

**LEGEND**

- Upper Decile — — —
- Upper Quartile ———
- Median ▬▬▬
- Lower Quartile ———
- Lower Decile — — —

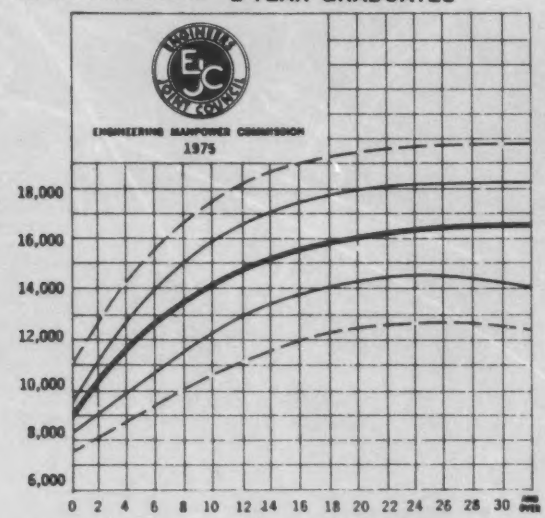
NUMBER OF TECHNICIANS COVERED - 13881

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

# ALL NONMANUFACTURING INDUSTRY

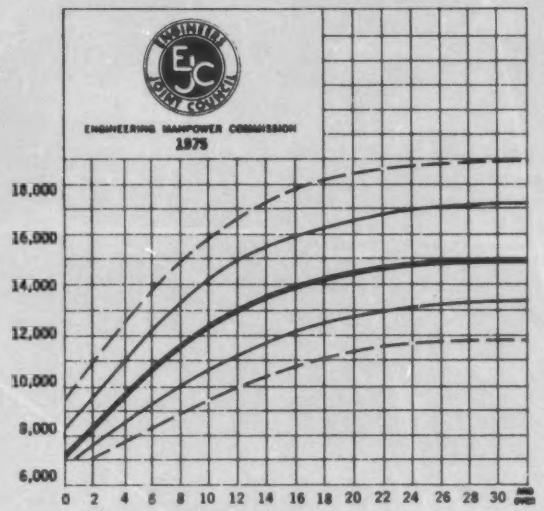
Annual Salary by Equivalent Years Since Graduation from Technical Institute*

## 2-YEAR GRADUATES




Annual Salary by Equivalent Years Since Graduation from Technical Institute*

## NON GRADUATES




## 2-YEAR GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 11000 | 11850 | 12650 | 13400 | 14150 | 14800 | 15450 | 16000 | 16500 |
| UPPER QUARTILE | 9550 | 10400 | 11150 | 11950 | 12650 | 13350 | 14000 | 14550 | 15100 |
| MEDIAN | 9050 | 9650 | 10250 | 10800 | 11400 | 11900 | 12450 | 12900 | 13350 |
| LOWER QUARTILE | 8350 | 8700 | 9100 | 9500 | 9950 | 10350 | 10750 | 11150 | 11500 |
| LOWER DECILE | 7650 | 7950 | 8250 | 8550 | 8850 | 9150 | 9450 | 9750 | 10050 |
| MEAN | 9200 | 9800 | 10350 | 10900 | 11450 | 11950 | 12400 | 12900 | 13300 |
| TOTAL NUMBER | 95 | 269 | 295 | 266 | 269 | 226 | 289 | 249 | 269 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| NUMBERS UNDER $ 7000 | 14 | 1 | 3 | 5 | 1 | 3 | 3 | 2 | 1 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 17400 | 18350 | 19000 | 19350 | 19600 | 19750 | 19800 | 19850 | 19850 |
| UPPER QUARTILE | 15950 | 16900 | 17500 | 17900 | 18100 | 18200 | 18250 | 18300 | 18300 |
| MEDIAN | 14100 | 15000 | 15600 | 16000 | 16250 | 16400 | 16500 | 16550 | 16550 |
| LOWER QUARTILE | 12250 | 13150 | 13850 | 14300 | 14500 | 14500 | 14350 | 14050 | 13600 |
| LOWER DECILE | 10650 | 11400 | 12000 | 12450 | 12700 | 12800 | 12700 | 12450 | 11900 |
| MEAN | 14050 | 14900 | 15500 | 15900 | 16150 | 16300 | 16400 | 16450 | 16500 |
| TOTAL NUMBER | 549 | 415 | 308 | 246 | 165 | 164 | 123 | 128 | 113 |
| NUMBERS OVER $20000 | 8 | 15 | 17 | 11 | 19 | 16 | 14 | 25 | 22 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 4438

## NON-GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 9500 | 10250 | 11000 | 11750 | 12450 | 13150 | 13800 | 14400 | 14950 |
| UPPER QUARTILE | 8350 | 9050 | 9700 | 10350 | 10950 | 11600 | 12150 | 12700 | 13250 |
| MEDIAN | 7350 | 7950 | 8550 | 9100 | 9650 | 10200 | 10700 | 11200 | 11650 |
| LOWER QUARTILE | | 7200 | 7600 | 8050 | 8450 | 8850 | 9250 | 9650 | 10050 |
| LOWER DECILE | | | 7100 | 7400 | 7700 | 8000 | 8300 | 8600 | 8900 |
| MEAN | 7750 | 8300 | 8850 | 9400 | 9900 | 10400 | 10900 | 11350 | 11800 |
| TOTAL NUMBER | 164 | 121 | 187 | 242 | 275 | 273 | 333 | 353 | 311 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 68 | 24 | 16 | 18 | 13 | 6 | 3 | 4 | 5 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 15900 | 17050 | 17800 | 18300 | 18600 | 18800 | 18900 | 18950 | 19000 |
| UPPER QUARTILE | 14150 | 15200 | 15950 | 16500 | 16800 | 17000 | 17100 | 17200 | 17200 |
| MEDIAN | 12400 | 13300 | 13950 | 14350 | 14650 | 14800 | 14900 | 14950 | 14950 |
| LOWER QUARTILE | 10700 | 11550 | 12200 | 12650 | 12950 | 13100 | 13250 | 13300 | 13350 |
| LOWER DECILE | 9450 | 10200 | 10850 | 11300 | 11600 | 11800 | 11850 | 11850 | 11750 |
| MEAN | 12550 | 13450 | 14100 | 14550 | 14800 | 15000 | 15100 | 15150 | 15200 |
| TOTAL NUMBER | 843 | 732 | 717 | 646 | 563 | 638 | 560 | 819 | 866 |
| NUMBERS OVER $20000 | 4 | 4 | 10 | 13 | 26 | 18 | 27 | 29 | 38 |
| NUMBERS UNDER $ 7000 | 6 | 0 | 2 | 1 | 8 | 3 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 8643

**LEGEND**

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

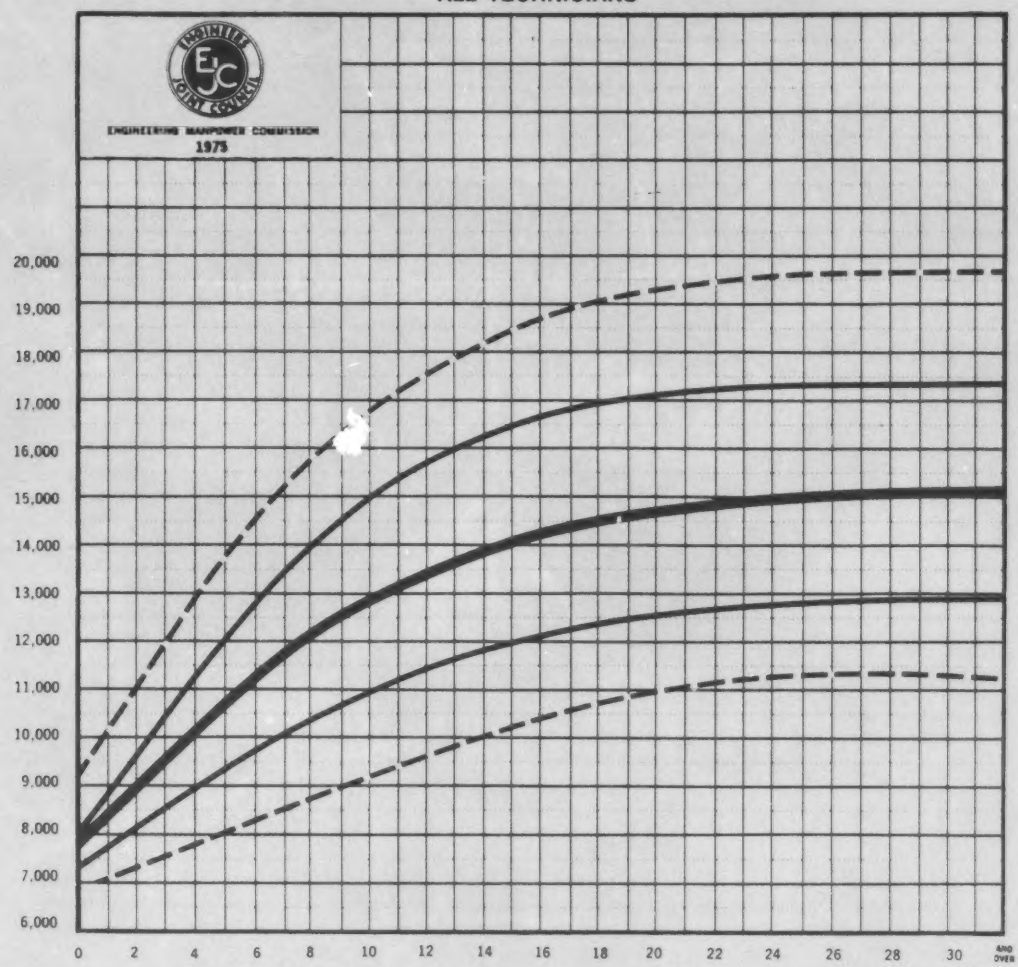


73

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

# CONSTRUCTION & CONSULTANTS

## ALL TECHNICIANS




| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 9250 | 10150 | 11050 | 11950 | 12850 | 13650 | 14400 | 15100 | 15750 |
| UPPER QUARTILE | 7900 | 8750 | 9650 | 10500 | 11300 | 12050 | 12750 | 13400 | 14000 |
| MEDIAN | 7650 | 8250 | 8850 | 9450 | 10050 | 10600 | 11100 | 11600 | 12050 |
| LOWER QUARTILE | 7300 | 7700 | 8100 | 8500 | 9000 | 9250 | 9650 | 9950 | 10300 |
| LOWER DECILE | | 7050 | 7300 | 7500 | 7750 | 8000 | 8250 | 8500 | 8750 |
| MEAN | 7830 | 8450 | 9050 | 9650 | 10250 | 10750 | 11300 | 11750 | 12200 |
| TOTAL NUMBER | 350 | 191 | 227 | 215 | 227 | 195 | 212 | 210 | 209 |
| NUMBERS OVER $20000 | * | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| NUMBERS UNDER $ 7000 | 62 | 14 | 14 | 21 | 12 | 5 | 1 | 3 | 5 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 16800 | 18000 | 18750 | 19200 | 19450 | 19550 | 19650 | 19650 | 19650 |
| UPPER QUARTILE | 14950 | 16000 | 16650 | 17000 | 17200 | 17300 | 17350 | 17350 | 17350 |
| MEDIAN | 12800 | 13650 | 14250 | 14600 | 14850 | 14950 | 15050 | 15050 | 15100 |
| LOWER QUARTILE | 10850 | 11550 | 12050 | 12450 | 12700 | 12800 | 12900 | 12950 | 12950 |
| LOWER DECILE | 9200 | 9850 | 10400 | 10850 | 11150 | 11350 | 11350 | 11250 | 10800 |
| MEAN | 12950 | 13900 | 14400 | 14750 | 15000 | 15100 | 15150 | 15200 | 15200 |
| TOTAL NUMBER | 422 | 366 | 298 | 288 | 202 | 188 | 153 | 260 | 278 |
| NUMBERS OVER $20000 | 8 | 17 | 20 | 18 | 31 | 14 | 18 | 26 | 26 |
| NUMBERS UNDER $ 7000 | 4 | 0 | 1 | 1 | 0 | 2 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 4671

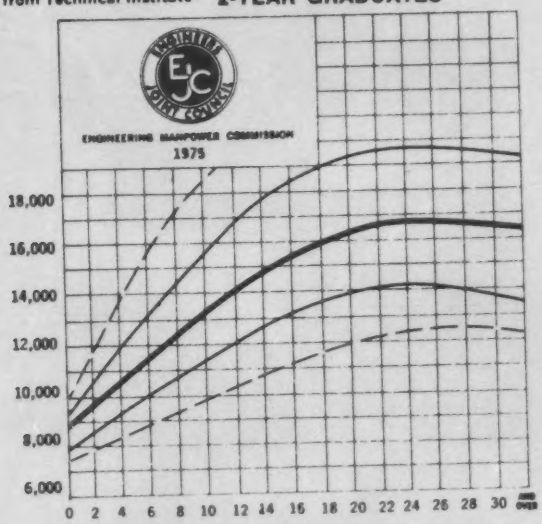
**LEGEND**

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

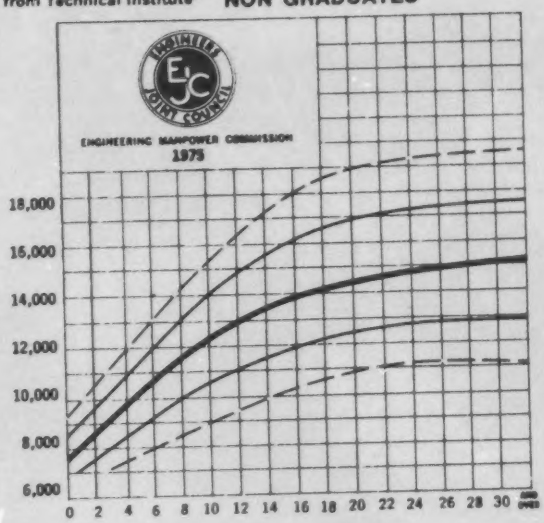
Annual Salary by Equivalent Years Since Graduation from Technical Institute*

## 2-YEAR GRADUATES




Annual Salary by Equivalent Years Since Graduation from Technical Institute*

## NON GRADUATES




## 2-YEAR GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 9750 | 10750 | 11600 | 12050 | 13850 | 14800 | 15700 | 16500 | 17200 |
| UPPER QUARTILE | 9400 | 10000 | 10650 | 11300 | 11950 | 12650 | 13350 | 14000 | 14650 |
| MEDIAN | 8750 | 9200 | 9700 | 10150 | 10650 | 11100 | 11600 | 12050 | 12550 |
| LOWER QUARTILE | 7900 | 8250 | 8600 | 8950 | 9300 | 9650 | 10050 | 10400 | 10750 |
| LOWER DECILE | 7400 | 7650 | 7850 | 8100 | 8350 | 8600 | 8800 | 9050 | 9300 |
| MEAN | 8750 | 9250 | 9800 | 10300 | 10800 | 11350 | 11850 | 12400 | 12850 |
| TOTAL NUMBER | 46 | 122 | 126 | 98 | 103 | 71 | 82 | 61 | 83 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| NUMBERS UNDER $ 7000 | 12 | 1 | 2 | 5 | 1 | 1 | 0 | 0 | 1 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 18300 | 19400 | 19900 | | | | | | |
| UPPER QUARTILE | 15900 | 17500 | 18650 | 19350 | 19650 | 19650 | 19500 | 19200 | 18800 |
| MEDIAN | 13450 | 14600 | 15550 | 16200 | 16500 | 16550 | 16450 | 16150 | 15600 |
| LOWER QUARTILE | 11450 | 12400 | 13200 | 13750 | 14050 | 14100 | 13900 | 13450 | 12400 |
| LOWER DECILE | 9800 | 10550 | 11200 | 11750 | 12200 | 12450 | 12500 | 12250 | 11100 |
| MEAN | 13800 | 14950 | 15800 | 16300 | 16500 | 16500 | 16350 | 16150 | 15000 |
| TOTAL NUMBER | 128 | 85 | 58 | 54 | 46 | 27 | 26 | 37 | 31 |
| NUMBERS OVER $20000 | 6 | 13 | 15 | 8 | 13 | 5 | 6 | 12 | 6 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 1276

## NON-GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 9450 | 10050 | 10700 | 11300 | 11950 | 12550 | 13200 | 13800 | 14400 |
| UPPER QUARTILE | 8500 | 9050 | 9650 | 10250 | 10850 | 11450 | 12000 | 12550 | 13100 |
| MEDIAN | 7650 | 8150 | 8600 | 9150 | 9700 | 10200 | 10700 | 11150 | 11600 |
| LOWER QUARTILE | | 7250 | 7700 | 8100 | 8550 | 8950 | 9300 | 9650 | 10000 |
| LOWER DECILE | | | | 7200 | 7650 | 7700 | 7950 | 8200 | 8560 |
| MEAN | 7800 | 8300 | 8800 | 9300 | 9800 | 10300 | 10750 | 11150 | 11600 |
| TOTAL NUMBER | 104 | 69 | 101 | 125 | 124 | 124 | 130 | 149 | 126 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 50 | 13 | 12 | 16 | 11 | 4 | 1 | 3 | 4 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 15500 | 16950 | 18000 | 18750 | 19200 | 19400 | 19500 | 19550 | 19500 |
| UPPER QUARTILE | 14050 | 15200 | 16100 | 16700 | 17100 | 17350 | 17500 | 17600 | 17650 |
| MEDIAN | 12350 | 13300 | 13950 | 14400 | 14700 | 14900 | 15000 | 15050 | 15100 |
| LOWER QUARTILE | 10600 | 11350 | 11900 | 12250 | 12500 | 12700 | 12800 | 12850 | 12900 |
| LOWER DECILE | 8950 | 9650 | 10250 | 10700 | 11000 | 11150 | 11150 | 11050 | 10700 |
| MEAN | 12350 | 13250 | 13950 | 14450 | 14800 | 15000 | 15150 | 15200 | 15250 |
| TOTAL NUMBER | 294 | 251 | 240 | 234 | 156 | 161 | 127 | 223 | 247 |
| NUMBERS OVER $20000 | 2 | 4 | 5 | 10 | 10 | 9 | 12 | 14 | 20 |
| NUMBERS UNDER $ 7000 | 4 | 0 | 1 | 1 | 0 | 2 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 2995

**LEGEND**

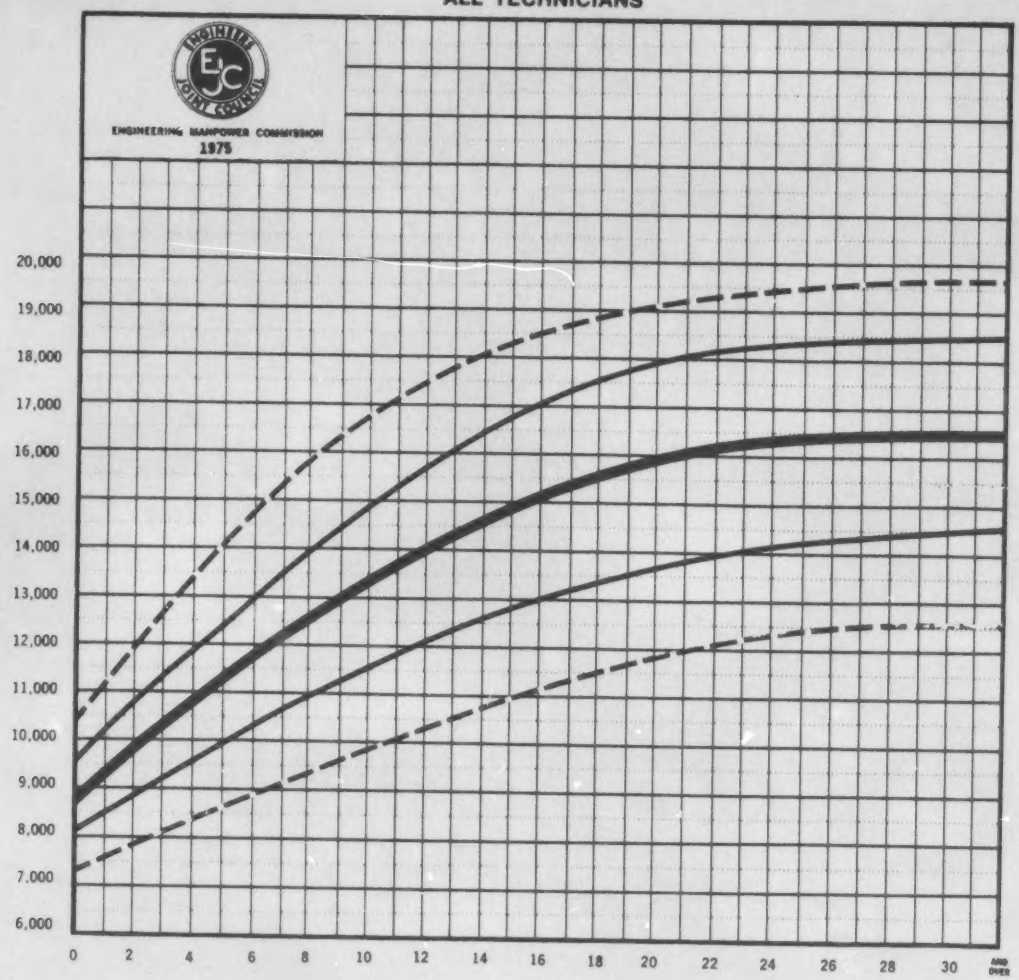
- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

## CONSTRUCTION

### ALL TECHNICIANS




| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 10500 | 11250 | 12000 | 12700 | 13400 | 14050 | 14650 | 15250 | 15800 |
| UPPER QUARTILE | 9600 | 10150 | 10700 | 11250 | 11850 | 12400 | 12950 | 13450 | 13950 |
| MEDIAN | 8850 | 9300 | 9800 | 10250 | 10700 | 11150 | 11600 | 12050 | 12500 |
| LOWER QUARTILE | 8150 | 8500 | 8850 | 9200 | 9550 | 9900 | 10250 | 10600 | 10900 |
| LOWER DECILE | 7400 | 7650 | 7900 | 8150 | 8350 | 8600 | 8850 | 9100 | 9350 |
| MEAN | 8950 | 9490 | 9900 | 10350 | 10800 | 11250 | 11700 | 12150 | 12550 |
| TOTAL NUMBER | 78 | 47 | 46 | 22 | 39 | 34 | 37 | 38 | 43 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 6 | 2 | 2 | 1 | 4 | 1 | 0 | 1 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 16700 | 17400 | 18500 | 19000 | 19300 | 19500 | 19600 | 19650 | 19650 |
| UPPER QUARTILE | 14900 | 16150 | 17050 | 17700 | 18100 | 18350 | 18450 | 18500 | 18500 |
| MEDIAN | 13300 | 14300 | 15100 | 15700 | 16100 | 16300 | 16450 | 16500 | 16550 |
| LOWER QUARTILE | 11550 | 12350 | 13000 | 13550 | 13950 | 14200 | 14400 | 14550 | 14600 |
| LOWER DECILE | 9850 | 10586 | 11150 | 11700 | 12100 | 12400 | 12550 | 12550 | 12250 |
| MEAN | 13300 | 14250 | 15000 | 15500 | 15850 | 16180 | 16200 | 16300 | 16350 |
| TOTAL NUMBER | 101 | 94 | 86 | 88 | 54 | 59 | 58 | 72 | 77 |
| NUMBERS OVER $20000 | 1 | 2 | 2 | 4 | 7 | 4 | 3 | 4 | 12 |
| NUMBERS UNDER $ 7000 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 1803

**LEGEND**

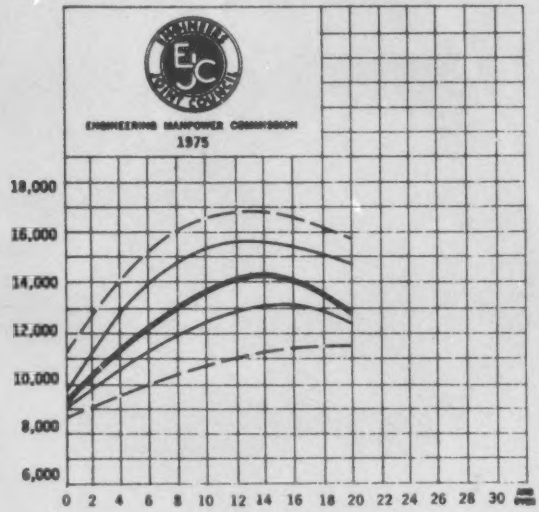
- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

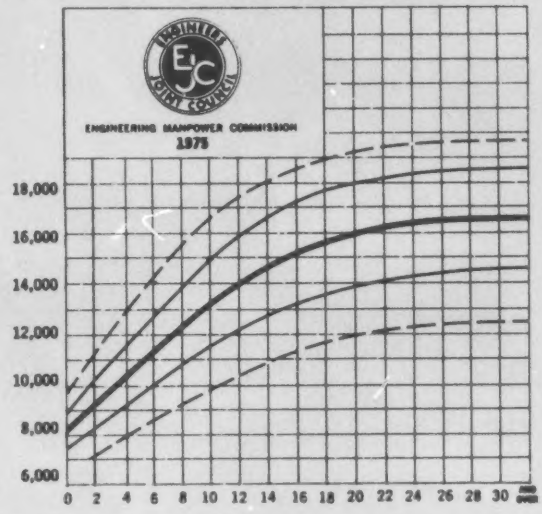


76

Annual Salary by Equivalent Years Since Graduation from Technical Institute* **2-YEAR GRADUATES**




Annual Salary by Equivalent Years Since Graduation from Technical Institute* **NON GRADUATES**




## 2-YEAR GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 11250 | 11950 | 12700 | 13350 | 14000 | 14650 | 15250 | 15650 | 0 |
| UPPER QUARTILE | 9850 | 10600 | 11350 | 12050 | 12750 | 13400 | 13950 | 14450 | 0 |
| MEDIAN | 9350 | 9850 | 10350 | 10850 | 11350 | 11800 | 12300 | 12750 | 0 |
| LOWER QUARTILE | 9150 | 9500 | 9850 | 10250 | 10600 | 11000 | 11350 | 11650 | 0 |
| LOWER DECILE | 8750 | 8950 | 9200 | 9400 | 9600 | 9800 | 10000 | 10200 | 0 |
| MEAN | 9700 | 10150 | 10600 | 11050 | 11550 | 12000 | 12400 | 12800 | 0 |
| TOTAL NUMBER | 7 | 28 | 27 | 7 | 10 | 8 | 11 | 5 | 3 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 16650 | 16900 | 16600 | 15950 | 0 | 0 | 0 | 0 | 0 |
| UPPER QUARTILE | 15400 | 15650 | 15400 | 14900 | 0 | 0 | 0 | 0 | 0 |
| MEDIAN | 13800 | 14300 | 14050 | 13150 | 0 | 0 | 0 | 0 | 0 |
| LOWER QUARTILE | 12500 | 13000 | 13100 | 12700 | 0 | 0 | 0 | 0 | 0 |
| LOWER DECILE | 10750 | 11150 | 11400 | 11450 | 0 | 0 | 0 | 0 | 0 |
| MEAN | 13800 | 14310 | 14150 | 13450 | 0 | 0 | 0 | 0 | 0 |
| TOTAL NUMBER | 15 | 13 | 3 | 6 | 1 | 0 | 2 | 1 | 0 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 153

## NON-GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 9750 | 10550 | 11350 | 12150 | 12950 | 13650 | 14350 | 15000 | 15600 |
| UPPER QUARTILE | 8950 | 9550 | 10200 | 10850 | 11450 | 12100 | 12700 | 13300 | 13900 |
| MEDIAN | 8250 | 8750 | 9250 | 9800 | 10300 | 10850 | 11350 | 11850 | 12300 |
| LOWER QUARTILE | 7600 | 7850 | 8300 | 8700 | 9150 | 9600 | 10000 | 10400 | 10800 |
| LOWER DECILE | | | 7200 | 7550 | 7900 | 8250 | 8550 | 8900 | 9250 |
| MEAN | 8300 | 8850 | 9350 | 9900 | 10450 | 10950 | 11450 | 11950 | 12400 |
| TOTAL NUMBER | 21 | 19 | 19 | 15 | 29 | 26 | 26 | 33 | 40 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 6 | 2 | 2 | 0 | 4 | 1 | 0 | 1 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 16650 | 17400 | 18600 | 19100 | 19400 | 19600 | 19700 | 19750 | 19750 |
| UPPER QUARTILE | 14950 | 16250 | 17200 | 17800 | 18150 | 18350 | 18450 | 18500 | 18550 |
| MEDIAN | 13200 | 14350 | 15200 | 15800 | 16150 | 16350 | 16450 | 16500 | 16550 |
| LOWER QUARTILE | 11500 | 12450 | 13150 | 13700 | 14050 | 14250 | 14400 | 14500 | 14550 |
| LOWER DECILE | 9850 | 10650 | 11300 | 11800 | 12100 | 12300 | 12400 | 12400 | 12400 |
| MEAN | 13250 | 14300 | 15100 | 15600 | 15950 | 16100 | 16250 | 16300 | 16350 |
| TOTAL NUMBER | 96 | 81 | 77 | 82 | 53 | 59 | 76 | 71 | 77 |
| NUMBERS OVER $20000 | 1 | 2 | 2 | 4 | 7 | 4 | 3 | 4 | 12 |
| NUMBERS UNDER $ 7000 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 850

**LEGEND**

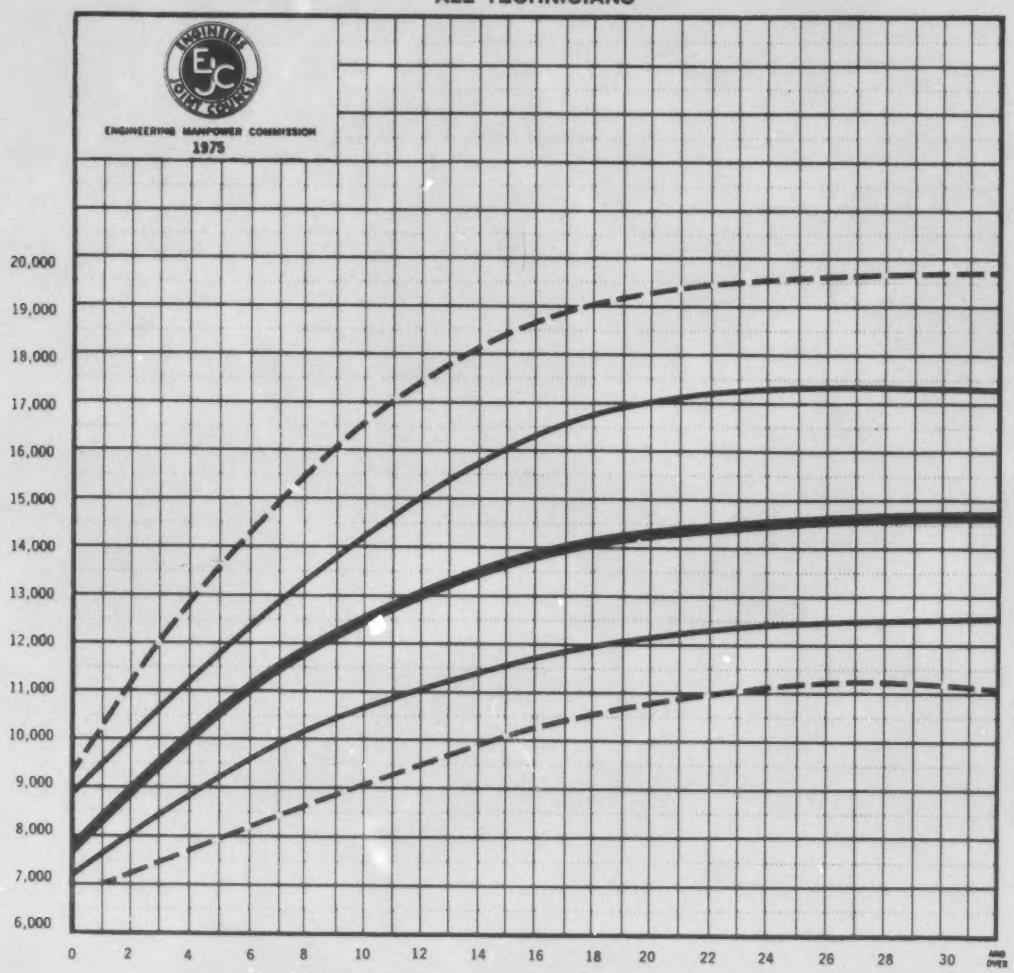
- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

# ENGINEERING & ARCHITECTURAL CONSULTANTS

## ALL TECHNICIANS




| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 9400 | 10250 | 11100 | 11900 | 12700 | 13450 | 14200 | 14850 | 15500 |
| UPPER QUARTILE | 8900 | 9450 | 10000 | 10600 | 11150 | 11700 | 12250 | 12800 | 13300 |
| MEDIAN | 7750 | 8300 | 8900 | 9450 | 9950 | 10450 | 10950 | 11350 | 11800 |
| LOWER QUARTILE | 7200 | 7600 | 8000 | 8400 | 8800 | 9150 | 9500 | 9850 | 10150 |
| LOWER DECILE | | 6950 | 7200 | 7400 | 7650 | 7900 | 8100 | 8350 | 8600 |
| MEAN | 8050 | 8600 | 9100 | 9650 | 10150 | 10650 | 11100 | 11500 | 11900 |
| TOTAL NUMBER | 122 | 144 | 181 | 193 | 186 | 161 | 175 | 172 | 166 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| NUMBERS UNDER $ 7000 | 56 | 12 | 12 | 20 | 8 | 4 | 1 | 2 | 5 |

**LEGEND**

Upper Decile — — —
Upper Quartile ———
Median ▬▬▬
Lower Quartile ———
Lower Decile — — —

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 16550 | 17800 | 18650 | 19150 | 19450 | 19550 | 19650 | 19650 | 19700 |
| UPPER QUARTILE | 14250 | 15450 | 16300 | 16850 | 17150 | 17300 | 17350 | 17300 | 17250 |
| MEDIAN | 12450 | 13250 | 13800 | 14200 | 14400 | 14550 | 14600 | 14650 | 14650 |
| LOWER QUARTILE | 10650 | 11300 | 11750 | 12100 | 12300 | 12450 | 12500 | 12550 | 12550 |
| LOWER DECILE | 9050 | 9700 | 10250 | 10700 | 11000 | 11150 | 11200 | 11050 | 10500 |
| MEAN | 12650 | 13450 | 14050 | 14450 | 14700 | 14850 | 14950 | 15000 | 15000 |
| TOTAL NUMBER | 321 | 252 | 212 | 200 | 148 | 129 | 115 | 188 | 201 |
| NUMBERS OVER $20000 | 7 | 15 | 18 | 14 | 24 | 10 | 15 | 22 | 14 |
| NUMBERS UNDER $ 7000 | 3 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 |

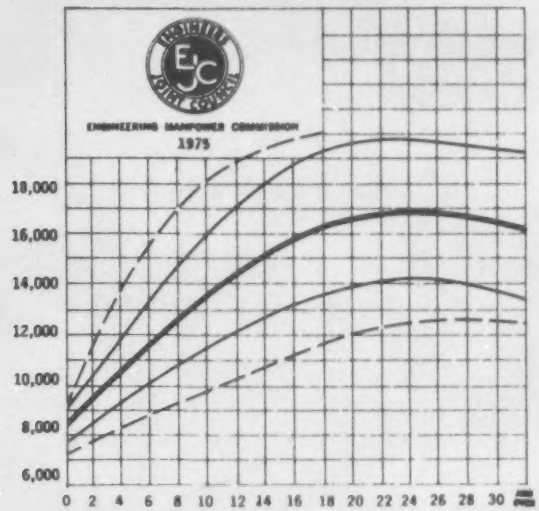
NUMBER OF TECHNICIANS COVERED - 3268

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

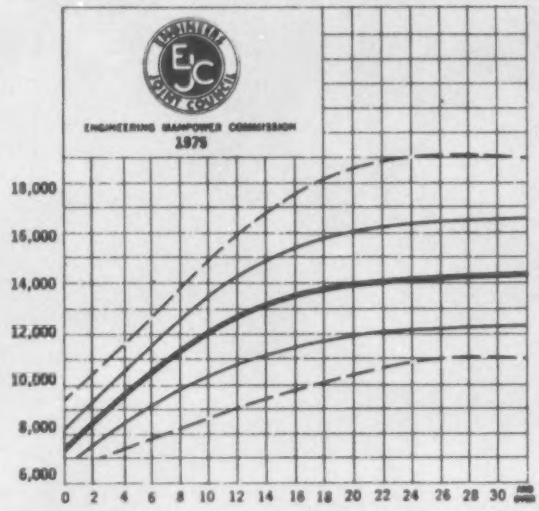


78

Annual Salary by Equivalent Years Since Graduation from Technical Institute* **2-YEAR GRADUATES**




Annual Salary by Equivalent Years Since Graduation from Technical Institute* **NON GRADUATES**




## 2-YEAR GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 9300 | 10400 | 11550 | 12650 | 13750 | 14750 | 15650 | 16500 | 17200 |
| UPPER QUARTILE | 9200 | 9850 | 10500 | 11150 | 11850 | 12550 | 13250 | 13950 | 14650 |
| MEDIAN | 8500 | 9000 | 9450 | 9950 | 10500 | 11000 | 11500 | 12050 | 12550 |
| LOWER QUARTILE | 7600 | 8150 | 8500 | 8850 | 9200 | 9600 | 9950 | 10300 | 10700 |
| LOWER DECILE | 7250 | 7500 | 7700 | 7950 | 8200 | 8450 | 8700 | 8950 | 9200 |
| MEAN | 8500 | 9050 | 9600 | 10150 | 10700 | 11250 | 11800 | 12350 | 12900 |
| TOTAL NUMBER | 39 | 94 | 99 | 83 | 93 | 63 | 71 | 56 | 80 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| NUMBERS UNDER $ 7000 | 12 | 1 | 2 | 4 | 1 | 1 | 0 | 0 | 1 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 18350 | 19350 | 19850 | | | | | | |
| UPPER QUARTILE | 15950 | 17650 | 18850 | 19550 | 19800 | 19750 | 19550 | 19200 | 18750 |
| MEDIAN | 13500 | 14850 | 15850 | 16500 | 16800 | 16800 | 16600 | 16150 | 15450 |
| LOWER QUARTILE | 11400 | 12400 | 13200 | 13800 | 14100 | 14150 | 13950 | 13450 | 12400 |
| LOWER DECILE | 9750 | 10500 | 11200 | 11800 | 12300 | 12550 | 12650 | 12400 | 11150 |
| MEAN | 13850 | 15100 | 15950 | 16450 | 16600 | 16600 | 16450 | 16150 | 15850 |
| TOTAL NUMBER | 113 | 72 | 49 | 48 | 45 | 27 | 24 | 36 | 31 |
| NUMBERS OVER $20000 | 6 | 13 | 15 | 8 | 13 | 5 | 6 | 12 | 6 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 1123

## NON-GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 9450 | 9950 | 10500 | 11050 | 11600 | 12200 | 12750 | 13300 | 13900 |
| UPPER QUARTILE | 8250 | 8650 | 9450 | 10050 | 10650 | 11200 | 11750 | 12250 | 12700 |
| MEDIAN | 7300 | 7450 | 8450 | 9000 | 9500 | 10000 | 10500 | 10950 | 11350 |
| LOWER QUARTILE | | 7200 | 7500 | 8000 | 8400 | 8800 | 9150 | 9500 | 9800 |
| LOWER DECILE | | | | 7150 | 7350 | 7550 | 7800 | 8000 | 8200 |
| MEAN | 7700 | 8200 | 8650 | 9150 | 9600 | 10050 | 10500 | 10900 | 11300 |
| TOTAL NUMBER | 83 | 58 | 82 | 110 | 95 | 98 | 104 | 116 | 86 |
| NUMBERS OVER $20000 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 44 | 11 | 10 | 16 | 7 | 3 | 1 | 2 | 4 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 14950 | 16450 | 17600 | 18400 | 19000 | 19100 | 19100 | 19050 | 18650 |
| UPPER QUARTILE | 13550 | 14600 | 15350 | 15850 | 16200 | 16450 | 16550 | 16650 | 16650 |
| MEDIAN | 12050 | 12850 | 13400 | 13800 | 14000 | 14150 | 14200 | 14250 | 14250 |
| LOWER QUARTILE | 10350 | 11050 | 11500 | 11850 | 12050 | 12200 | 12250 | 12350 | 12350 |
| LOWER DECILE | 8650 | 9250 | 9850 | 10350 | 11700 | 10950 | 11050 | 10950 | 10250 |
| MEAN | 12000 | 12450 | 13500 | 13950 | 14250 | 14450 | 14550 | 14650 | 14650 |
| TOTAL NUMBER | 208 | 180 | 163 | 152 | 103 | 102 | 91 | 152 | 170 |
| NUMBERS OVER $20000 | 1 | 2 | 3 | 6 | 11 | 5 | 9 | 10 | 8 |
| NUMBERS UNDER $ 7000 | 3 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 2145

**LEGEND**

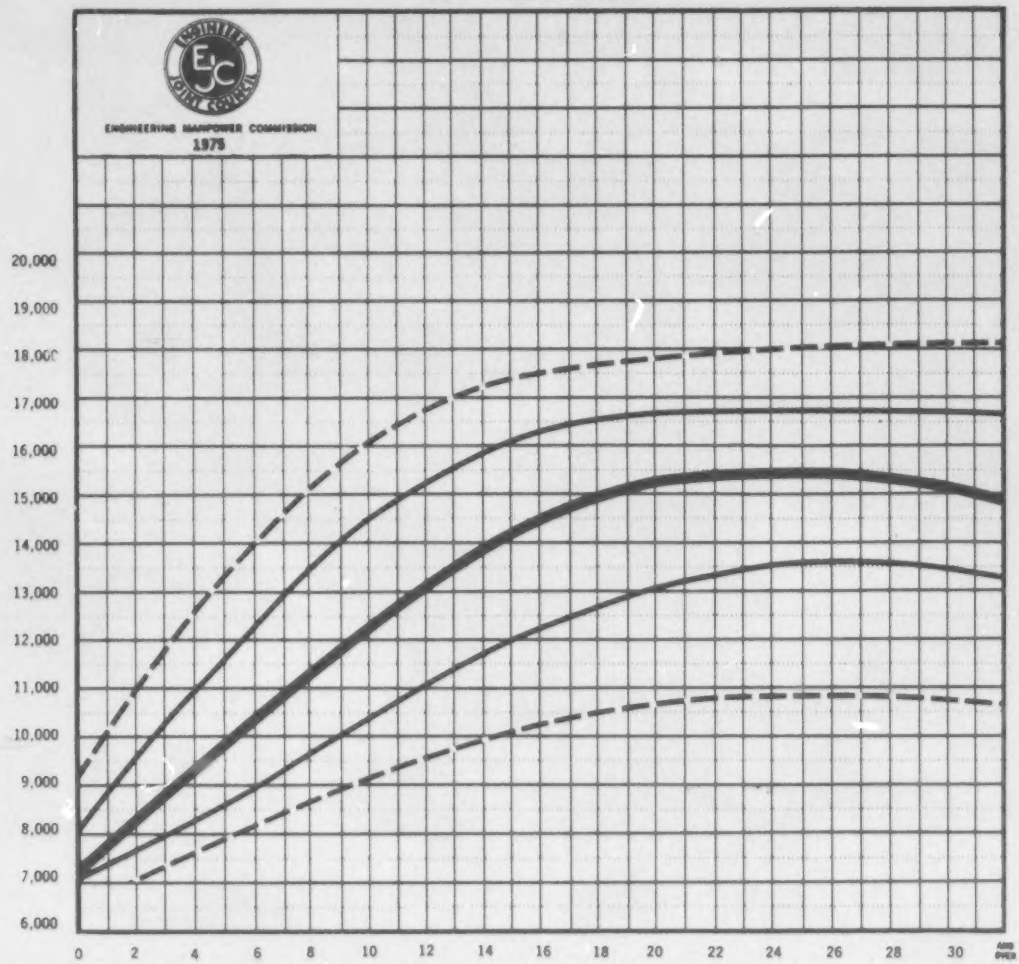
- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

# TECHNICAL SERVICES, OTHER

## ALL TECHNICIANS




| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 9300 | 10150 | 11050 | 11850 | 12650 | 13400 | 14050 | 14650 | 15150 |
| UPPER QUARTILE | 8100 | 8800 | 9500 | 10200 | 10950 | 11600 | 12300 | 12900 | 13500 |
| MEDIAN | 7350 | 7800 | 8300 | 8750 | 9250 | 9750 | 10250 | 10750 | 11250 |
| LOWER QUARTILE | 7150 | 7450 | 7750 | 8050 | 8450 | 8700 | 9000 | 9350 | 9700 |
| LOWER DECILE | | | 7050 | 7300 | 7600 | 7850 | 8100 | 8350 | 8650 |
| MEAN | 7800 | 8300 | 8750 | 9250 | 9700 | 10200 | 10650 | 11100 | 11550 |
| TOTAL NUMBER | 15 | 10 | 13 | 23 | 21 | 24 | 25 | 24 | 28 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 2 | 0 | 2 | 1 | 1 | 2 | 0 | 2 | 1 |

**LEGEND**

- Upper Decile — — —
- Upper Quartile ——
- Median ▬▬
- Lower Quartile ——
- Lower Decile — — —

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 16050 | 16950 | 17500 | 17800 | 17950 | 18050 | 18150 | 18100 | 18100 |
| UPPER QUARTILE | 14500 | 15400 | 16250 | 16550 | 16650 | 16650 | 16650 | 16600 | 16550 |
| MEDIAN | 12200 | 13500 | 14500 | 15150 | 15400 | 15400 | 15250 | 14850 | 14300 |
| LOWER QUARTILE | 10350 | 11300 | 12150 | 12850 | 13300 | 13550 | 13550 | 13250 | 12300 |
| LOWER DECILE | 9100 | 9950 | 10250 | 10600 | 10800 | 10850 | 10900 | 10600 | 10200 |
| MEAN | 12400 | 13450 | 14200 | 14650 | 14900 | 14900 | 14850 | 14700 | 14450 |
| TOTAL NUMBER | 55 | 56 | 39 | 34 | 21 | 25 | 20 | 28 | 29 |
| NUMBERS OVER $20000 | 1 | 0 | 3 | 4 | 2 | 0 | 1 | 1 | 2 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 491

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

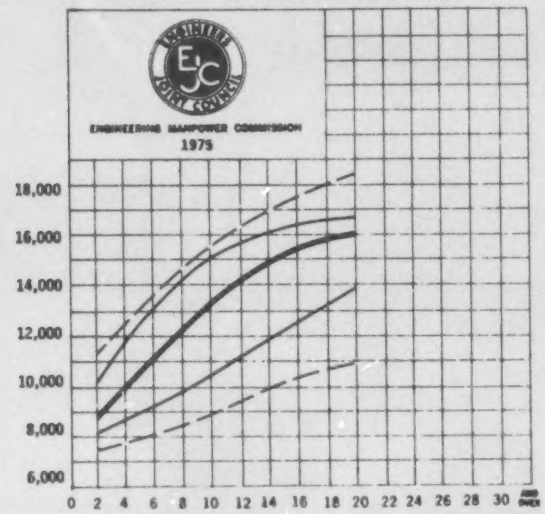


80

# TECHNICAL SERVICES, OTHER

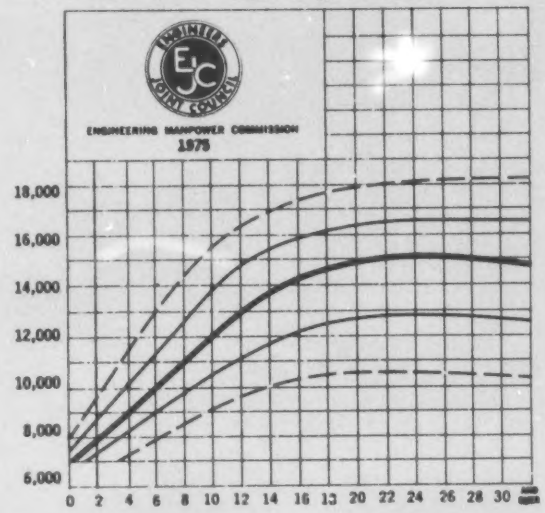
Annual Salary by Equivalent Years Since Graduation from Technical Institute*

## 2-YEAR GRADUATES




Annual Salary by Equivalent Years Since Graduation from Technical Institute*

## NON GRADUATES




## 2-YEAR GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 10200 | 11900 | 11400 | 12000 | 12550 | 13150 | 13700 | 14200 | 14700 |
| UPPER QUARTILE | 8450 | 9350 | 13250 | 11050 | 11850 | 12550 | 13200 | 13800 | 14300 |
| MEDIAN | 7850 | 8150 | 8450 | 9400 | 9950 | 10500 | 11050 | 11650 | 12200 |
| LOWER QUARTILE | 7560 | 7750 | 8450 | 8700 | 8600 | 8900 | 9200 | 9500 | 9850 |
| LOWER DECILE | 7900 | 7600 | 7450 | 7650 | 7650 | 7700 | 7900 | 8100 | 8400 |
| MEAN | 8350 | 8750 | 9200 | 9650 | 10100 | 10600 | 11050 | 11500 | 11900 |
| TOTAL NUMBER | 8 | 6 | 10 | 13 | 5 | 7 | 7 | 14 | 14 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 15600 | 16700 | 17550 | 18200 | 0 | 18900 | 0 | 0 | 0 |
| UPPER QUARTILE | 15100 | 15900 | 15400 | 16650 | 0 | 16840 | 0 | 0 | 0 |
| MEDIAN | 13300 | 14650 | 15550 | 15900 | 0 | 15100 | 0 | 0 | 0 |
| LOWER QUARTILE | 12500 | 11550 | 12650 | 13650 | 0 | 15300 | 0 | 0 | 0 |
| LOWER DECILE | 8900 | 9750 | 10400 | 11900 | 0 | 11400 | 0 | 0 | 0 |
| MEAN | 12750 | 13100 | 14650 | 15200 | 0 | 15550 | 0 | 0 | 0 |
| TOTAL NUMBER | 16 | 21 | 12 | 7 | 6 | 5 | 4 | 3 | 0 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 156

## NON-GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 8000 | 0 | 0 | 10700 | 11550 | 12350 | 13150 | 13850 | 14500 |
| UPPER QUARTILE | 7400 | 0 | 0 | 9600 | 10150 | 10850 | 11500 | 12150 | 12800 |
| MEDIAN | | 0 | 0 | 9450 | 9950 | 9500 | 10000 | 10550 | 11050 |
| LOWER QUARTILE | | 0 | 0 | 7750 | 8150 | 8550 | 8900 | 9300 | 9700 |
| LOWER DECILE | | 0 | 0 | | 7250 | 7650 | 7900 | 8250 | 8550 |
| MEAN | 7100 | 0 | 0 | 8650 | 9200 | 9750 | 10300 | 10800 | 11300 |
| TOTAL NUMBER | 9 | 4 | 3 | 10 | 18 | 17 | 14 | 10 | 14 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 2 | 0 | 1 | 1 | 1 | 2 | 0 | 0 | 1 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 15550 | 16700 | 17350 | 17800 | 18000 | 18150 | 18200 | 18200 | 18200 |
| UPPER QUARTILE | 13900 | 15150 | 15950 | 16350 | 16550 | 16600 | 16550 | 16550 | 16500 |
| MEDIAN | 12450 | 13100 | 14250 | 14800 | 15050 | 15050 | 14950 | 14700 | 14400 |
| LOWER QUARTILE | 10450 | 11400 | 12150 | 12600 | 12850 | 12850 | 12800 | 12600 | 12300 |
| LOWER DECILE | 9100 | 9450 | 10300 | 10550 | 10650 | 10550 | 10400 | 10200 | 9850 |
| MEAN | 12200 | 13150 | 14100 | 14550 | 14700 | 14700 | 14650 | 14500 | 14350 |
| TOTAL NUMBER | 19 | 35 | 26 | 27 | 17 | 20 | 16 | 25 | 29 |
| NUMBERS OVER $20000 | 1 | 0 | 0 | 0 | 2 | 0 | 1 | 1 | 2 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 335

**LEGEND**

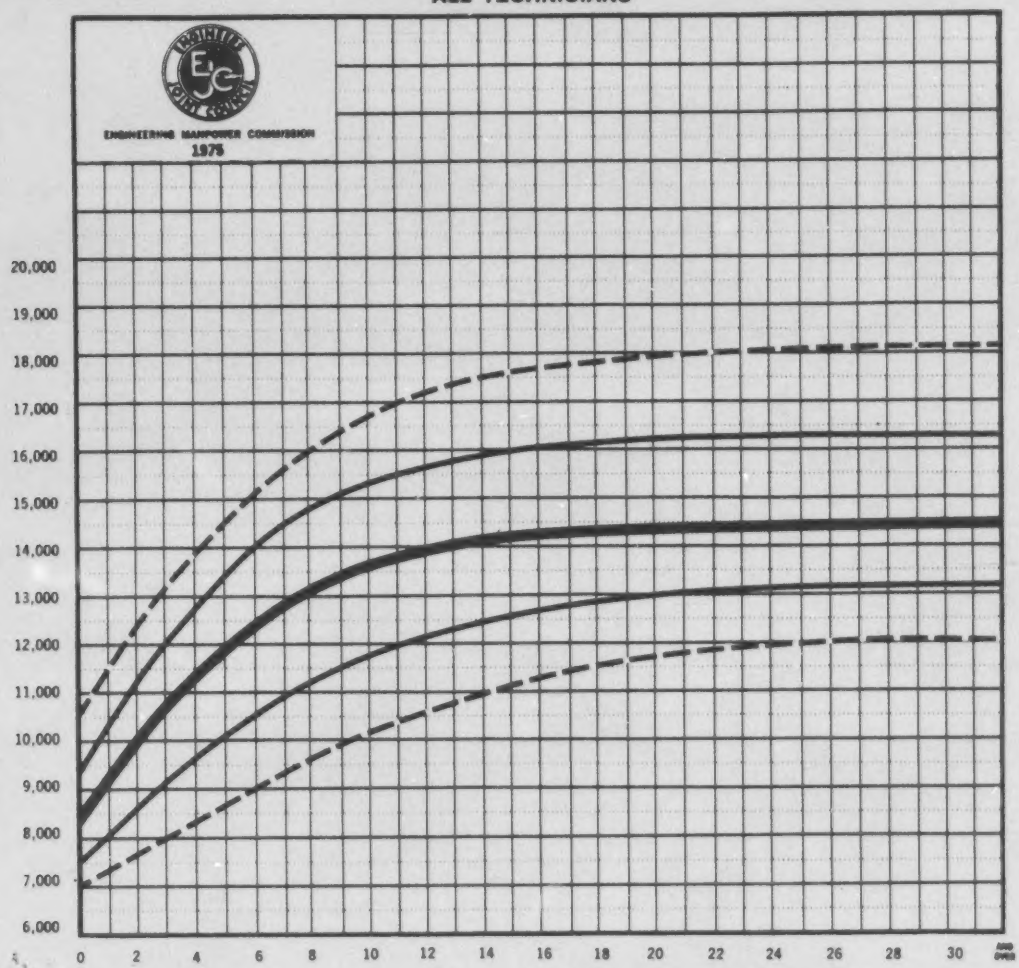
- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

# RESEARCH & DEVELOPMENT

## ALL TECHNICIANS




| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 10600 | 11500 | 12350 | 13150 | 13850 | 14500 | 15100 | 15600 | 16000 |
| UPPER QUARTILE | 9450 | 10350 | 11250 | 12050 | 12800 | 13400 | 13950 | 14400 | 14800 |
| MEDIAN | 8400 | 9250 | 10000 | 10700 | 11350 | 11900 | 12350 | 12750 | 13100 |
| LOWER QUARTILE | 7550 | 8100 | 8650 | 9150 | 9600 | 10050 | 10450 | 10800 | 11150 |
| LOWER DECILE | 7000 | 7350 | 7650 | 8000 | 8350 | 8650 | 9000 | 9300 | 9600 |
| MEAN | 8650 | 9350 | 10050 | 10650 | 11250 | 11750 | 12250 | 12650 | 13000 |
| TOTAL NUMBER | 52 | 124 | 178 | 229 | 198 | 245 | 322 | 321 | 286 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 12 | 10 | 3 | 0 | 0 | 2 | 1 | 0 | 0 |

**LEGEND**

Upper Decile — — —
Upper Quartile ———
Median ▬▬▬
Lower Quartile ———
Lower Decile — — —

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 16700 | 17350 | 17800 | 17900 | 18000 | 18050 | 18100 | 18100 | 18100 |
| UPPER QUARTILE | 15350 | 15850 | 16050 | 16200 | 16250 | 16300 | 16300 | 16300 | 16300 |
| MEDIAN | 13550 | 14000 | 14250 | 14350 | 14400 | 14450 | 14450 | 14450 | 14450 |
| LOWER QUARTILE | 11700 | 12300 | 12650 | 12900 | 13050 | 13100 | 13150 | 13150 | 13150 |
| LOWER DECILE | 10150 | 10950 | 11350 | 11700 | 11900 | 12000 | 12050 | 12000 | 11900 |
| MEAN | 13550 | 14050 | 14350 | 14550 | 14650 | 14700 | 14700 | 14700 | 14700 |
| TOTAL NUMBER | 575 | 601 | 567 | 477 | 409 | 442 | 391 | 632 | 662 |
| NUMBERS OVER $20000 | 0 | 2 | 6 | 1 | 2 | 6 | 4 | 0 | 13 |
| NUMBERS UNDER $ 7000 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

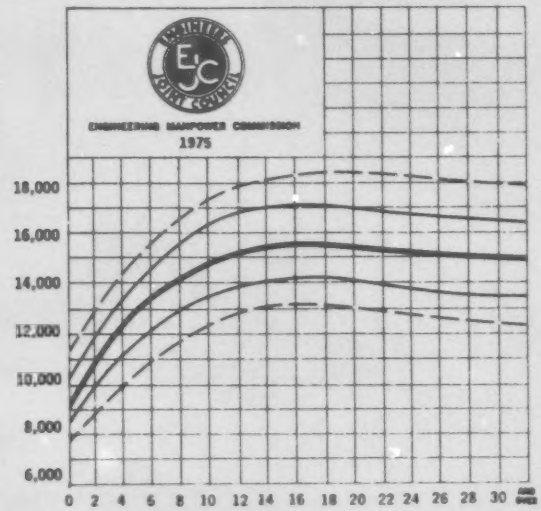
NUMBER OF TECHNICIANS COVERED - 6721

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

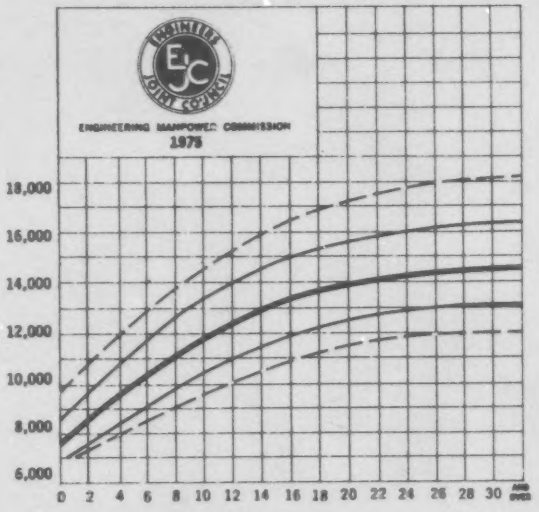


82

Annual Salary by Equivalent Years Since Graduation from Technical Institute* **2-YEAR GRADUATES**




Annual Salary by Equivalent Years Since Graduation from Technical Institute* **NON GRADUATES**




## 2-YEAR GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 11300 | 12100 | 12850 | 13600 | 14300 | 14950 | 15550 | 16100 | 16550 |
| UPPER QUARTILE | 10300 | 11050 | 11850 | 12600 | 13300 | 14000 | 14600 | 15150 | 15600 |
| MEDIAN | 9250 | 10050 | 10800 | 11500 | 12200 | 12850 | 13400 | 13900 | 14350 |
| LOWER QUARTILE | 8650 | 9300 | 9950 | 10550 | 11150 | 11650 | 12150 | 12600 | 12950 |
| LOWER DECILE | 7850 | 8400 | 9000 | 9450 | 9950 | 10450 | 10900 | 11300 | 11700 |
| MEAN | 9500 | 10200 | 10850 | 11550 | 12150 | 12750 | 13300 | 13800 | 14200 |
| TOTAL NUMBER | 18 | 92 | 169 | 124 | 97 | 156 | 210 | 194 | 170 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 17300 | 18000 | 18300 | 18350 | 18250 | 18100 | 18000 | 17900 | 17850 |
| UPPER QUARTILE | 16350 | 16950 | 17100 | 17000 | 16800 | 16600 | 16450 | 16300 | 16200 |
| MEDIAN | 14950 | 15450 | 15550 | 15650 | 15250 | 15100 | 15000 | 14900 | 14850 |
| LOWER QUARTILE | 13550 | 14000 | 14150 | 14050 | 13900 | 13750 | 13600 | 13450 | 13400 |
| LOWER DECILE | 12300 | 12900 | 13150 | 13100 | 12900 | 12700 | 12450 | 12250 | 12050 |
| MEAN | 14850 | 15450 | 15600 | 15550 | 15400 | 15200 | 15050 | 14900 | 14800 |
| TOTAL NUMBER | 307 | 279 | 239 | 179 | 87 | 93 | 41 | 29 | 21 |
| NUMBERS OVER $20000 | 0 | 2 | 6 | 1 | 0 | 3 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 2445

## NON-GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 9750 | 10700 | 10850 | 11400 | 11900 | 12450 | 12950 | 13400 | 13850 |
| UPPER QUARTILE | 8600 | 9150 | 9700 | 10200 | 10750 | 11250 | 11700 | 12150 | 12600 |
| MEDIAN | 7600 | 8100 | 8600 | 9050 | 9500 | 9950 | 10400 | 10800 | 11150 |
| LOWER QUARTILE | | 7450 | 7600 | 8000 | 8350 | 8700 | 9100 | 9450 | 9800 |
| LOWER DECILE | | 7100 | 7600 | 7650 | 7950 | 8200 | 8500 | 8750 | 9050 |
| MEAN | 7900 | 8450 | 8850 | 9300 | 9700 | 10150 | 10550 | 10950 | 11350 |
| TOTAL NUMBER | 74 | 32 | 69 | 105 | 101 | 89 | 112 | 127 | 116 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 12 | 10 | 3 | 0 | 0 | 1 | 1 | 0 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 14700 | 15700 | 16550 | 17150 | 17550 | 17850 | 18050 | 18150 | 18250 |
| UPPER QUARTILE | 13350 | 14300 | 15000 | 15500 | 15850 | 16050 | 16200 | 16300 | 16300 |
| MEDIAN | 11850 | 12700 | 13350 | 13750 | 14050 | 14250 | 14350 | 14450 | 14500 |
| LOWER QUARTILE | 10450 | 11300 | 11950 | 12450 | 12800 | 12950 | 13050 | 13100 | 13100 |
| LOWER DECILE | 9550 | 10300 | 10900 | 11350 | 11700 | 11900 | 12000 | 12000 | 11850 |
| MEAN | 12000 | 12850 | 13500 | 13950 | 14300 | 14500 | 14650 | 14750 | 14800 |
| TOTAL NUMBER | 268 | 322 | 328 | 298 | 322 | 369 | 349 | 603 | 641 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 2 | 3 | 4 | 9 | 13 |
| NUMBERS UNDER $ 7000 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 4276

**LEGEND**

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

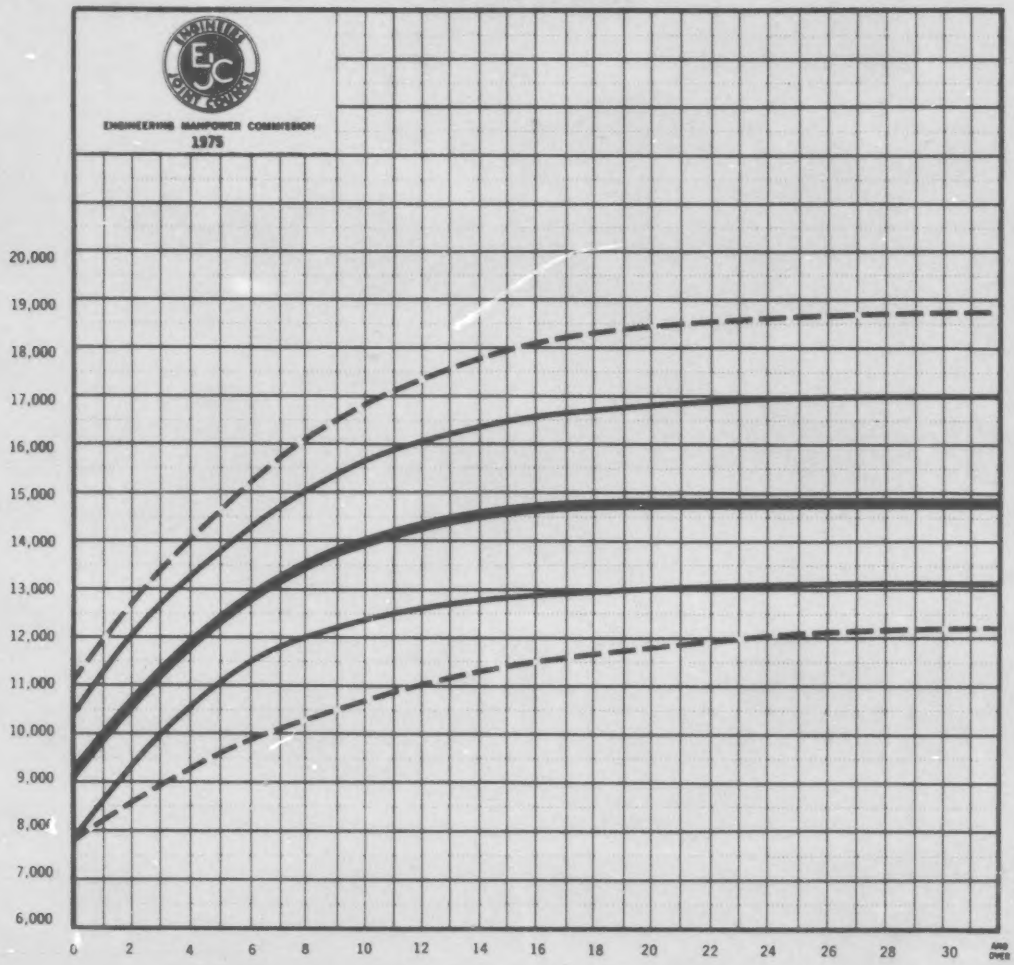


83

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

# INDUSTRIAL R & D

## ALL TECHNICIANS




| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 11150 | 11950 | 12700 | 13400 | 14050 | 14650 | 15200 | 15700 | 16150 |
| UPPER QUARTILE | 10500 | 11250 | 11950 | 12600 | 13250 | 13800 | 14250 | 14700 | 15050 |
| MEDIAN | 9200 | 10000 | 10700 | 11350 | 11900 | 12400 | 12850 | 13200 | 13500 |
| LOWER QUARTILE | 7950 | 8650 | 9350 | 10000 | 10550 | 11000 | 11400 | 11750 | 12000 |
| LOWER DECILE | 7950 | 8300 | 8600 | 8900 | 9200 | 9500 | 9750 | 10000 | 10250 |
| MEAN | 9400 | 10050 | 10700 | 11300 | 11800 | 12300 | 12700 | 13100 | 13400 |
| TOTAL NUMBER | 16 | 38 | 81 | 103 | 89 | 150 | 179 | 189 | 194 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 16850 | 17600 | 18100 | 18350 | 18550 | 18650 | 18650 | 18700 | 18700 |
| UPPER QUARTILE | 15650 | 16250 | 16600 | 16800 | 16900 | 16950 | 17000 | 17000 | 17000 |
| MEDIAN | 13950 | 14400 | 14650 | 14750 | 14800 | 14850 | 14850 | 14850 | 14850 |
| LOWER QUARTILE | 12400 | 12750 | 12900 | 13000 | 13050 | 13050 | 13100 | 13100 | 13100 |
| LOWER DECILE | 10650 | 11150 | 11550 | 11800 | 12000 | 12150 | 12200 | 12250 | 12300 |
| MEAN | 13900 | 14450 | 14750 | 14900 | 15000 | 15050 | 15100 | 15100 | 15100 |
| TOTAL NUMBER | 294 | 259 | 275 | 245 | 229 | 266 | 231 | 369 | 352 |
| NUMBERS OVER $20000 | 0 | 1 | 4 | 1 | 1 | 6 | 3 | 0 | 11 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

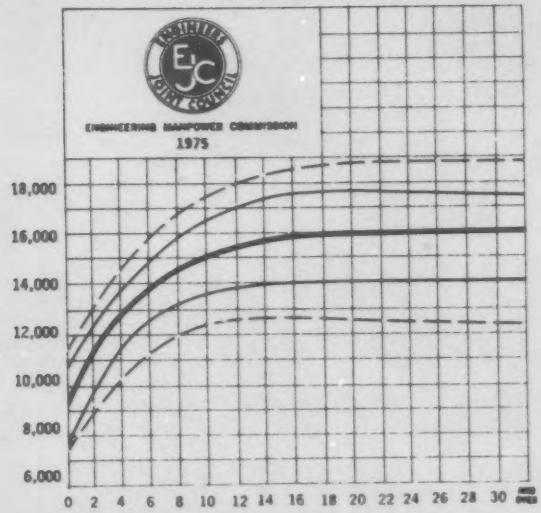
NUMBER OF TECHNICIANS COVERED - 3559

**LEGEND**

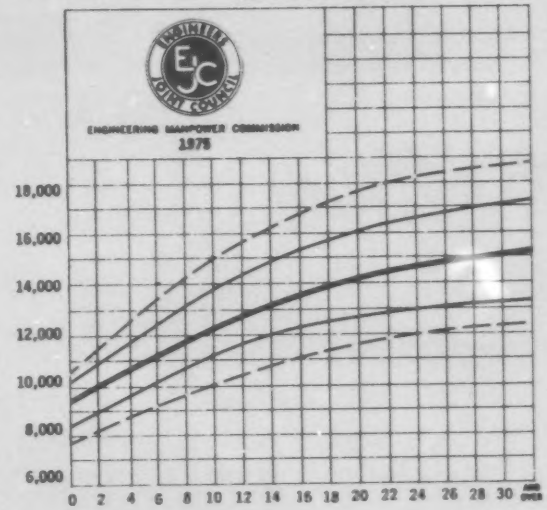
- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent Years Since Graduation from Technical Institute* **2-YEAR GRADUATES**




Annual Salary by Equivalent Years Since Graduation from Technical Institute* **NON GRADUATES**




## 2-YEAR GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 11500 | 12250 | 13050 | 13750 | 14450 | 15100 | 15700 | 16200 | 16700 |
| UPPER QUARTILE | 10850 | 11600 | 12300 | 13000 | 13700 | 14300 | 14900 | 15400 | 15850 |
| MEDIAN | 9350 | 10300 | 11200 | 12050 | 12800 | 13400 | 13950 | 14400 | 14750 |
| LOWER QUARTILE | 7950 | 8950 | 9850 | 10700 | 11450 | 12050 | 12550 | 12950 | 13250 |
| LOWER DECILE | 7500 | 8250 | 8950 | 9600 | 10200 | 10750 | 11200 | 11600 | 11950 |
| MEAN | 9500 | 10300 | 11100 | 11800 | 12500 | 13100 | 13650 | 14100 | 14500 |
| TOTAL NUMBER | 9 | 32 | 50 | 65 | 41 | 99 | 175 | 121 | 123 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 17450 | 18250 | 18650 | 18800 | 19350 | 18850 | 18850 | 18800 | 18800 |
| UPPER QUARTILE | 16650 | 17300 | 17600 | 17700 | 17650 | 17550 | 17450 | 17350 | 17300 |
| MEDIAN | 15250 | 15700 | 15900 | 16000 | 16000 | 16050 | 16050 | 16050 | 16050 |
| LOWER QUARTILE | 13650 | 13900 | 14300 | 14600 | 14850 | 14050 | 14050 | 14050 | 14050 |
| LOWER DECILE | 12400 | 12650 | 12700 | 12820 | 12500 | 12480 | 12350 | 12300 | 12300 |
| MEAN | 15100 | 15550 | 15750 | 15800 | 15800 | 15800 | 15750 | 15750 | 15750 |
| TOTAL NUMBER | 138 | 109 | 111 | 75 | 52 | 56 | 16 | 16 | 7 |
| NUMBERS OVER $20000 | 0 | 1 | 4 | 1 | 0 | 3 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 1253

## NON-GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 10600 | 11100 | 11550 | 12000 | 12500 | 12950 | 13400 | 13800 | 14200 |
| UPPER QUARTILE | 10150 | 10550 | 10900 | 11300 | 11650 | 12050 | 12400 | 12750 | 13100 |
| MEDIAN | 9550 | 9850 | 10150 | 10450 | 10650 | 10950 | 11200 | 11450 | 11700 |
| LOWER QUARTILE | 8300 | 8600 | 8950 | 9250 | 9600 | 9900 | 10150 | 10450 | 10700 |
| LOWER DECILE | 7850 | 8100 | 8300 | 8500 | 8750 | 8950 | 9150 | 9350 | 9600 |
| MEAN | 9250 | 9600 | 9950 | 10300 | 10650 | 10950 | 11300 | 11600 | 11900 |
| TOTAL NUMBER | 7 | 6 | 31 | 38 | 48 | 51 | 44 | 68 | 71 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 15000 | 16000 | 16800 | 17500 | 18000 | 18350 | 18600 | 18800 | 18950 |
| UPPER QUARTILE | 13750 | 14600 | 15300 | 15900 | 16350 | 16700 | 16950 | 17200 | 17350 |
| MEDIAN | 12200 | 12950 | 13450 | 13900 | 14300 | 14650 | 14900 | 15150 | 15300 |
| LOWER QUARTILE | 11200 | 11800 | 12250 | 12600 | 12850 | 13000 | 13150 | 13200 | 13250 |
| LOWER DECILE | 10800 | 10550 | 11050 | 11500 | 11850 | 12100 | 12250 | 12350 | 12300 |
| MEAN | 12450 | 13150 | 13750 | 14250 | 14600 | 14900 | 15100 | 15250 | 15350 |
| TOTAL NUMBER | 156 | 150 | 164 | 170 | 179 | 210 | 215 | 353 | 345 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 1 | 3 | 3 | 0 | 11 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 2306

**LEGEND**

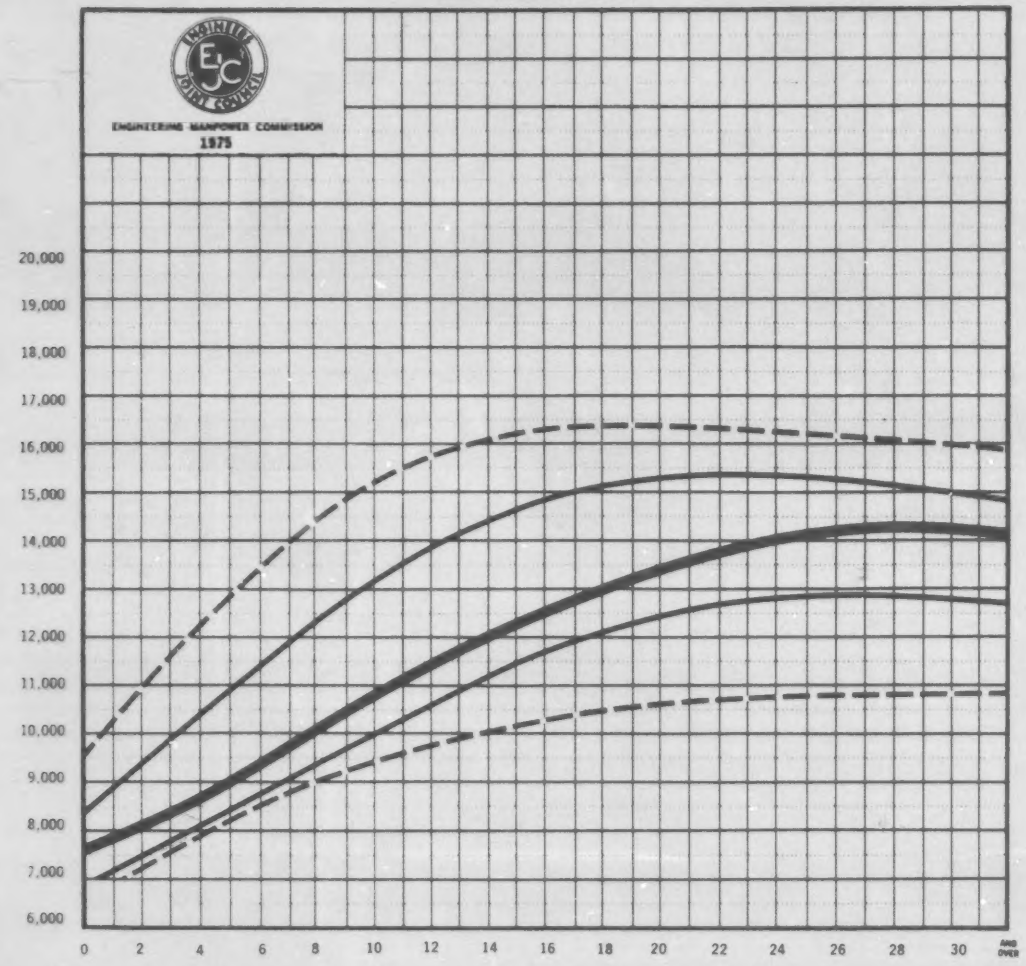
- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

## R & D LABORATORIES

### ALL TECHNICIANS




| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 9600 | 10300 | 10950 | 11600 | 12250 | 12850 | 13450 | 13950 | 14450 |
| UPPER QUARTILE | 8400 | 8900 | 9400 | 9900 | 10400 | 10850 | 11350 | 11850 | 12300 |
| MEDIAN | 7600 | 7850 | 8150 | 8450 | 8750 | 9100 | 9400 | 9750 | 10050 |
| LOWER QUARTILE | | 7150 | 7450 | 7750 | 8050 | 8400 | 8700 | 9050 | 9350 |
| LOWER DECILE | | | 7250 | 7550 | 7900 | 8200 | 8450 | 8750 | 9000 |
| MEAN | 7850 | 8250 | 8650 | 9000 | 9400 | 9800 | 10200 | 10550 | 10900 |
| TOTAL NUMBER | 28 | 36 | 35 | 52 | 42 | 32 | 64 | 51 | 38 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 11 | 9 | 1 | 0 | 0 | 1 | 0 | 0 | 0 |

**LEGEND**

Upper Decile
Upper Quartile
Median
Lower Quartile
Lower Decile

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 15200 | 16000 | 16350 | 16400 | 16350 | 16200 | 16050 | 15900 | 15750 |
| UPPER QUARTILE | 13150 | 14200 | 14900 | 15250 | 15400 | 15300 | 15150 | 14850 | 14500 |
| MEDIAN | 10750 | 11650 | 12500 | 13200 | 13750 | 14100 | 14200 | 14050 | 13350 |
| LOWER QUARTILE | 10000 | 10900 | 11650 | 12250 | 12650 | 12850 | 12850 | 12650 | 12100 |
| LOWER DECILE | 9400 | 9900 | 10250 | 10500 | 10650 | 10750 | 10800 | 10650 | 10850 |
| MEAN | 11600 | 12450 | 13100 | 13550 | 13750 | 13800 | 13750 | 13650 | 13400 |
| TOTAL NUMBER | 89 | 111 | 122 | 67 | 70 | 76 | 71 | 79 | 133 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

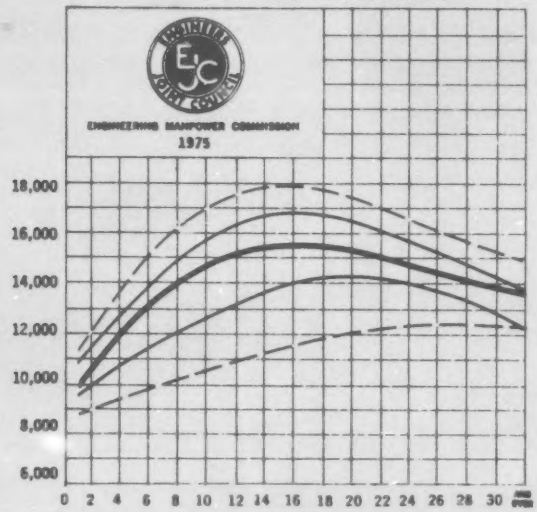
NUMBER OF TECHNICIANS COVERED - 1182

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

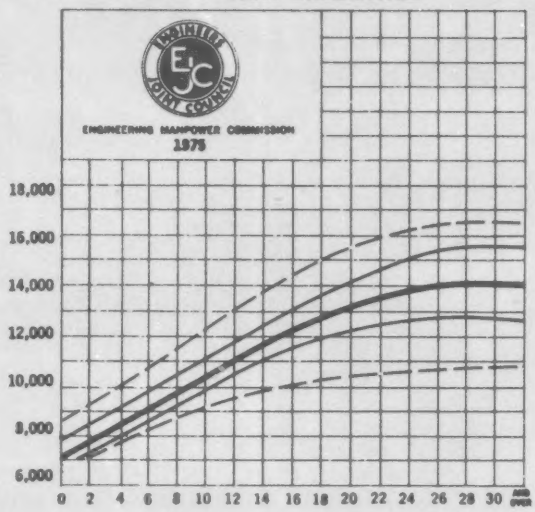


86

Annual Salary by Equivalent Years Since Graduation from Technical Institute* **2-YEAR GRADUATES**




Annual Salary by Equivalent Years Since Graduation from Technical Institute* **NON GRADUATES**




## 2-YEAR GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 0 | 11250 | 12000 | 12750 | 13500 | 14250 | 14950 | 15550 | 16150 |
| UPPER QUARTILE | 0 | 10450 | 11450 | 12050 | 12650 | 13250 | 13800 | 14350 | 14850 |
| MEDIAN | 0 | 9950 | 10600 | 11250 | 11850 | 12450 | 13000 | 13500 | 13950 |
| LOWER QUARTILE | 0 | 9650 | 9950 | 10700 | 10650 | 11000 | 11300 | 11650 | 12000 |
| LOWER DECILE | 0 | 8750 | 8960 | 9100 | 9300 | 9500 | 9700 | 9900 | 10100 |
| MEAN | 0 | 10200 | 10700 | 11150 | 11600 | 12100 | 12550 | 12950 | 13350 |
| TOTAL NUMBER | 4 | 11 | 11 | 7 | 8 | 10 | 9 | 16 | 13 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 17050 | 17850 | 17950 | 17600 | 0 | 16350 | 0 | 15100 | 0 |
| UPPER QUARTILE | 15700 | 16550 | 16850 | 16650 | 0 | 15400 | 0 | 13700 | 0 |
| MEDIAN | 14700 | 15350 | 15500 | 15300 | 0 | 14500 | 0 | 13650 | 0 |
| LOWER QUARTILE | 12600 | 13450 | 14050 | 14350 | 0 | 13950 | 0 | 12150 | 0 |
| LOWER DECILE | 10500 | 11050 | 11500 | 11900 | 0 | 12400 | 0 | 12250 | 0 |
| MEAN | 14100 | 14900 | 15350 | 15400 | 0 | 14600 | 0 | 13200 | 0 |
| TOTAL NUMBER | 38 | 31 | 24 | 14 | 3 | 6 | 2 | 5 | 2 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 214

## NON-GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 8650 | 8950 | 9300 | 9650 | 10000 | 10350 | 10750 | 11100 | 11450 |
| UPPER QUARTILE | 7900 | 8200 | 8500 | 8800 | 9100 | 9400 | 9700 | 10050 | 10350 |
| MEDIAN | 7100 | 7400 | 7700 | 8000 | 8350 | 8650 | 9000 | 9350 | 9650 |
| LOWER QUARTILE | | 7100 | 7400 | 7700 | 8000 | 8300 | 8600 | 8900 | 9200 |
| LOWER DECILE | | | 7200 | 7500 | 7800 | 8100 | 8350 | 8550 | 8800 |
| MEAN | 7450 | 7750 | 8050 | 8350 | 8650 | 8950 | 9300 | 9600 | 9950 |
| TOTAL NUMBER | 24 | 19 | 24 | 45 | 74 | 22 | 55 | 35 | 25 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 11 | 9 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 12200 | 13300 | 14350 | 15200 | 15900 | 16350 | 16550 | 16450 | 15700 |
| UPPER QUARTILE | 11050 | 12050 | 13050 | 13950 | 14700 | 15250 | 15500 | 15450 | 14400 |
| MEDIAN | 10350 | 11350 | 12250 | 13050 | 13600 | 13950 | 14100 | 14000 | 13400 |
| LOWER QUARTILE | 9800 | 10700 | 11450 | 12100 | 12550 | 12800 | 12850 | 12700 | 12100 |
| LOWER DECILE | 9200 | 9700 | 10100 | 10350 | 10550 | 10650 | 10750 | 10800 | 10800 |
| MEAN | 10550 | 11500 | 12300 | 13000 | 13500 | 13800 | 13950 | 13850 | 13350 |
| TOTAL NUMBER | 51 | 80 | 98 | 53 | 67 | 70 | 61 | 74 | 131 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 968

**LEGEND**

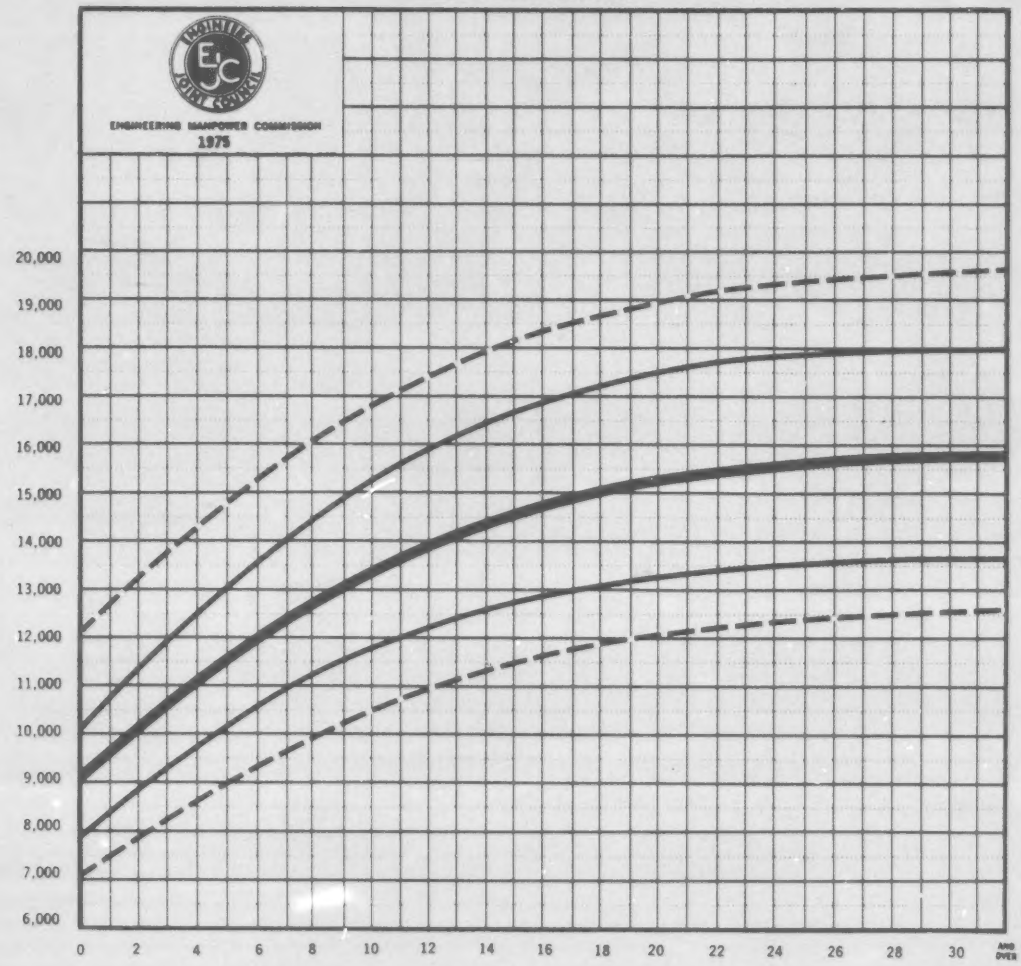
- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

# UTILITIES

## ALL TECHNICIANS




| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 12100 | 12650 | 13200 | 13750 | 14300 | 14750 | 15250 | 15700 | 16100 |
| UPPER QUARTILE | 10100 | 10750 | 11350 | 11950 | 12500 | 13050 | 13600 | 14050 | 14500 |
| MEDIAN | 9050 | 9550 | 10050 | 10550 | 11000 | 11450 | 11900 | 12300 | 12650 |
| LOWER QUARTILE | 7950 | 8400 | 8850 | 9300 | 9700 | 10100 | 10500 | 10850 | 11200 |
| LOWER DECILE | 7100 | 7500 | 7850 | 8250 | 8600 | 8950 | 9250 | 9600 | 9900 |
| MEAN | 9300 | 9800 | 10360 | 10800 | 11250 | 11650 | 12100 | 12450 | 12850 |
| TOTAL NUMBER | 65 | 120 | 180 | 186 | 217 | 221 | 277 | 275 | 274 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 7 | 2 | 2 | 1 | 1 | 1 | 5 | 1 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 16850 | 17750 | 18400 | 18850 | 19200 | 19400 | 19500 | 19600 | 19650 |
| UPPER QUARTILE | 15300 | 16250 | 16900 | 17350 | 17650 | 17850 | 17950 | 18000 | 18050 |
| MEDIAN | 13350 | 14150 | 14750 | 15150 | 15450 | 15600 | 15700 | 15800 | 15850 |
| LOWER QUARTILE | 11750 | 12400 | 12900 | 13200 | 13400 | 13500 | 13600 | 13650 | 13650 |
| LOWER DECILE | 10150 | 11100 | 11650 | 12000 | 12250 | 12400 | 12500 | 12600 | 12650 |
| MEAN | 13500 | 14250 | 14850 | 15250 | 15500 | 15700 | 15800 | 15900 | 15950 |
| TOTAL NUMBER | 721 | 510 | 468 | 396 | 371 | 434 | 377 | 441 | 416 |
| NUMBERS OVER $20000 | 3 | 2 | 7 | 6 | 12 | 20 | 22 | 27 | 32 |
| NUMBERS UNDER $ 7000 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |

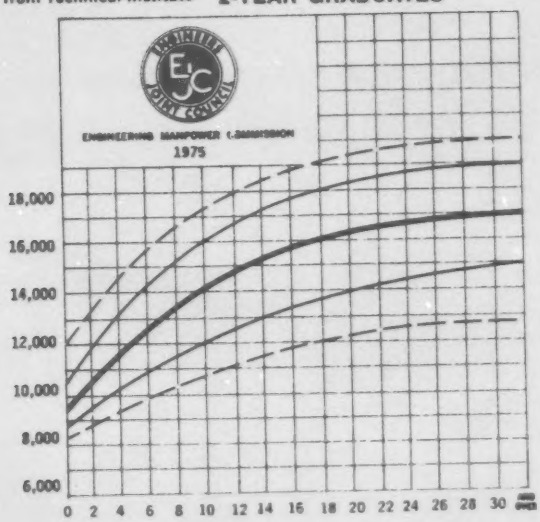
NUMBER OF TECHNICIANS COVERED - 5949

**LEGEND**

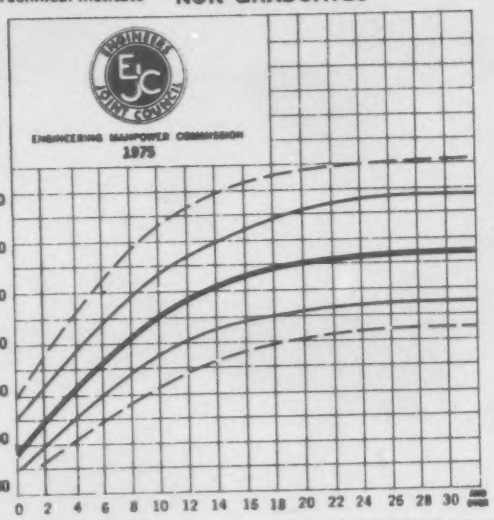
- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent Years Since Graduation from Technical Institute* **2-YEAR GRADUATES**




Annual Salary by Equivalent Years Since Graduation from Technical Institute* **NON GRADUATES**




## 2-YEAR GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 12050 | 12700 | 13300 | 13900 | 14500 | 15050 | 15550 | 16050 | 16450 |
| UPPER QUARTILE | 10550 | 11200 | 11850 | 12500 | 13100 | 13650 | 14200 | 14700 | 15200 |
| MEDIAN | 9400 | 9950 | 10450 | 11000 | 11500 | 12000 | 12450 | 12900 | 13300 |
| LOWER QUARTILE | 8850 | 9200 | 9500 | 9850 | 10200 | 10500 | 10800 | 11100 | 11400 |
| LOWER DECILE | 8350 | 8600 | 8850 | 9100 | 9300 | 9550 | 9750 | 10000 | 10200 |
| MEAN | 9960 | 10400 | 10850 | 11300 | 11700 | 12150 | 12550 | 12950 | 13300 |
| TOTAL NUMBER | 35 | 92 | 122 | 123 | 118 | 113 | 147 | 123 | 131 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 2 | 0 | 0 | 0 | 0 | 1 | 3 | 0 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 17250 | 18200 | 18850 | 19300 | 19600 | 19800 | 19950 | 20000 | |
| UPPER QUARTILE | 16000 | 17000 | 17750 | 18250 | 18550 | 18800 | 18900 | 19000 | 19000 |
| MEDIAN | 14050 | 15000 | 15700 | 16200 | 16550 | 16750 | 16900 | 17000 | 17050 |
| LOWER QUARTILE | 12000 | 12700 | 13350 | 13850 | 14250 | 14550 | 14800 | 15000 | 15150 |
| LOWER DECILE | 10650 | 11250 | 11750 | 12150 | 12600 | 12600 | 12700 | 12750 | 12600 |
| MEAN | 13950 | 14800 | 15450 | 15950 | 16300 | 16550 | 16750 | 16850 | 16900 |
| TOTAL NUMBER | 275 | 179 | 137 | 95 | 88 | 101 | 71 | 77 | 72 |
| NUMBERS OVER $20000 | 2 | 2 | 2 | 3 | 5 | 11 | 8 | 13 | 16 |
| NUMBERS UNDER $ 7000 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 2099

## NON-GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 10000 | 10850 | 11650 | 12450 | 11200 | 13950 | 14600 | 15200 | 15750 |
| UPPER QUARTILE | 9100 | 9750 | 10400 | 11050 | 11650 | 12250 | 12800 | 13350 | 13850 |
| MEDIAN | 7600 | 8250 | 8900 | 9550 | 10150 | 10750 | 11300 | 11800 | 12250 |
| LOWER QUARTILE | | 7450 | 8000 | 8550 | 9100 | 9600 | 10050 | 10500 | 10900 |
| LOWER DECILE | | | 7500 | 7700 | 8100 | 8500 | 8900 | 9250 | 9600 |
| MEAN | 8100 | 8700 | 9300 | 9900 | 10450 | 11000 | 11550 | 12000 | 12450 |
| TOTAL NUMBER | 30 | 28 | 58 | 63 | 99 | 108 | 170 | 152 | 143 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 5 | 4 | 2 | 1 | 1 | 0 | 2 | 1 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 16650 | 17650 | 18300 | 18700 | 18900 | 19050 | 19100 | 19150 | 19150 |
| UPPER QUARTILE | 14750 | 15400 | 16550 | 17050 | 17400 | 17600 | 17750 | 17800 | 17850 |
| MEDIAN | 13050 | 13950 | 14580 | 14900 | 15100 | 15200 | 15300 | 15350 | 15350 |
| LOWER QUARTILE | 11600 | 12350 | 12850 | 13150 | 13300 | 13400 | 13450 | 13500 | 13500 |
| LOWER DECILE | 10250 | 11000 | 11600 | 12000 | 12250 | 12400 | 12500 | 12550 | 12600 |
| MEAN | 13200 | 14100 | 14700 | 15050 | 15300 | 15450 | 15550 | 15600 | 15600 |
| TOTAL NUMBER | 446 | 331 | 331 | 301 | 283 | 333 | 306 | 364 | 344 |
| NUMBERS OVER $20000 | 1 | 0 | 5 | 3 | 6 | 9 | 14 | 14 | 16 |
| NUMBERS UNDER $ 7000 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 3850

**LEGEND**

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

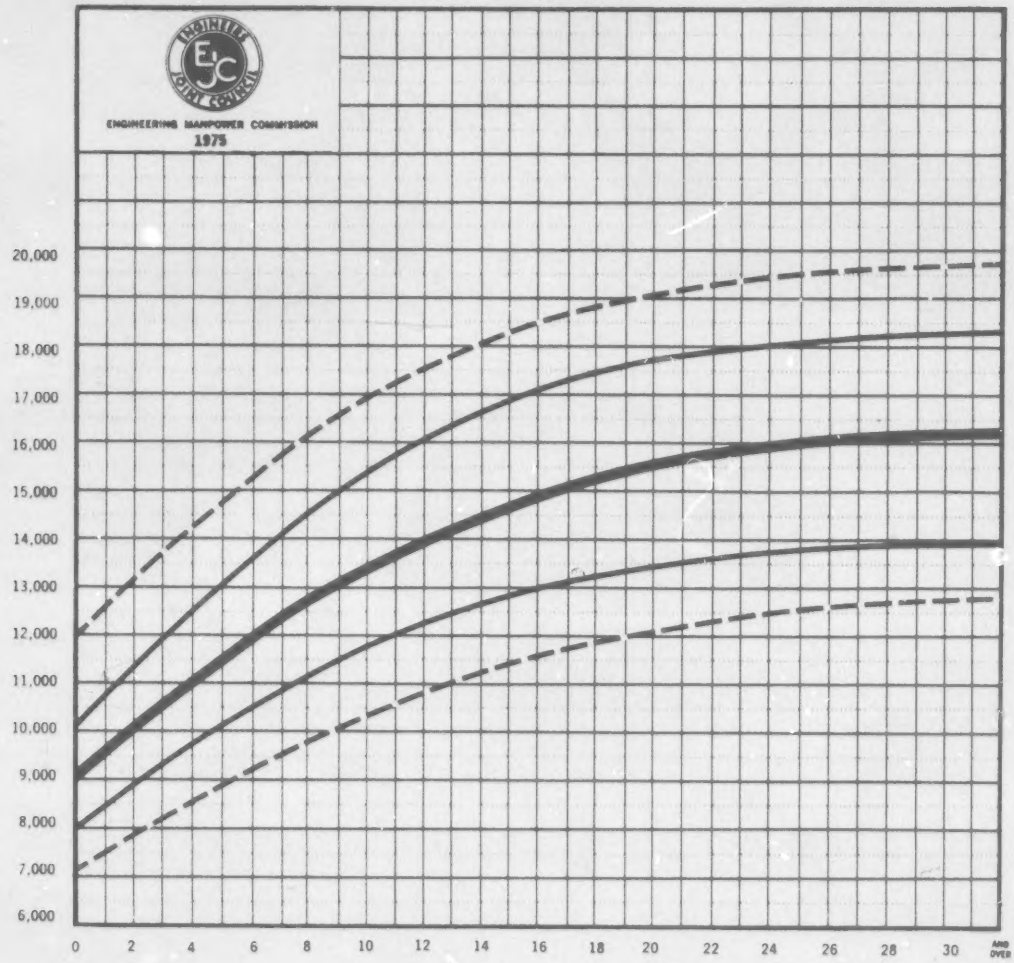
*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.


89

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

# ELECTRIC & COMBINED UTILITIES

## ALL TECHNICIANS




| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 12050 | 12600 | 13200 | 13750 | 14250 | 14750 | 15250 | 15700 | 16150 |
| UPPER QUARTILE | 10200 | 10800 | 11400 | 12000 | 12550 | 13100 | 13600 | 14100 | 14550 |
| MEDIAN | 9050 | 9550 | 10050 | 10550 | 11000 | 11450 | 11900 | 12300 | 12700 |
| LOWER QUARTILE | 8000 | 8400 | 8850 | 9250 | 9650 | 10050 | 10400 | 10750 | 11100 |
| LOWER DECILE | 7100 | 7500 | 7850 | 8150 | 8500 | 8850 | 9150 | 9500 | 9800 |
| MEAN | 9350 | 9850 | 10300 | 10750 | 11200 | 11650 | 12050 | 12450 | 12850 |
| TOTAL NUMBER | 58 | 113 | 174 | 172 | 193 | 199 | 275 | 242 | 237 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 7 | 2 | 2 | 1 | 1 | 1 | 5 | 1 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 16900 | 17850 | 18500 | 19000 | 19300 | 19500 | 19650 | 19750 | 19800 |
| UPPER QUARTILE | 15400 | 16350 | 17100 | 17600 | 17900 | 18150 | 18250 | 18350 | 18400 |
| MEDIAN | 13600 | 14300 | 14950 | 15400 | 15750 | 15950 | 16100 | 16200 | 16250 |
| LOWER QUARTILE | 11700 | 12450 | 13060 | 13350 | 13600 | 13800 | 13900 | 13950 | 14000 |
| LOWER DECILE | 10300 | 11050 | 11600 | 12000 | 12350 | 12550 | 12700 | 12850 | 12900 |
| MEAN | 13500 | 14350 | 14950 | 15400 | 15700 | 15950 | 16050 | 16150 | 16200 |
| TOTAL NUMBER | 615 | 420 | 755 | 286 | 256 | 301 | 271 | 329 | 306 |
| NUMBERS OVER $20000 | 3 | 1 | 4 | 5 | 11 | 14 | 18 | 21 | 23 |
| NUMBERS UNDER $ 7000 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 4760

**LEGEND**

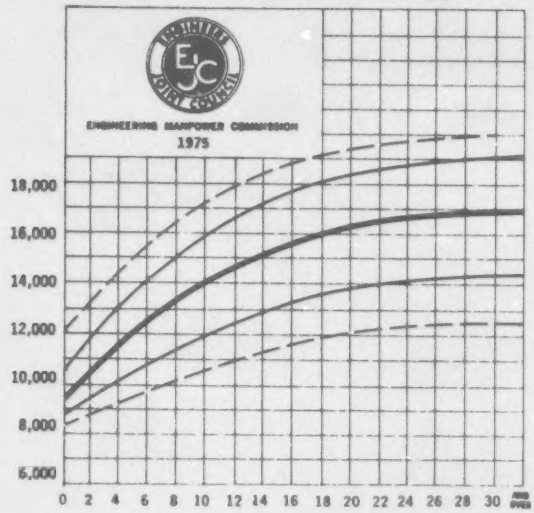
- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

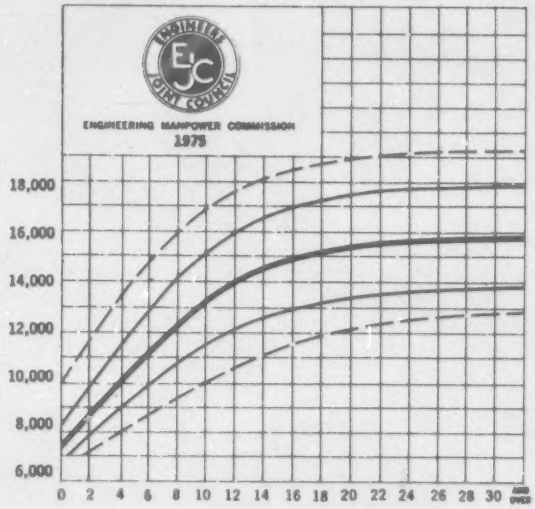

90

# ELECTRIC & COMBINED UTILITIES

Annual Salary by Equivalent Years Since Graduation from Technical Institute* **2-YEAR GRADUATES**




Annual Salary by Equivalent Years Since Graduation from Technical Institute* **NON GRADUATES**




## 2-YEAR GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 12050 | 12650 | 13250 | 13850 | 14400 | 14950 | 15450 | 15950 | 16400 |
| UPPER QUARTILE | 10600 | 11200 | 11800 | 12400 | 13000 | 13550 | 14050 | 14550 | 15050 |
| MEDIAN | 9400 | 9900 | 10450 | 10950 | 11450 | 11900 | 12350 | 12800 | 13200 |
| LOWER QUARTILE | 8850 | 9200 | 9500 | 9800 | 10150 | 10450 | 10750 | 11050 | 11350 |
| LOWER DECILE | 8350 | 8600 | 8800 | 9050 | 9300 | 9500 | 9750 | 10000 | 10200 |
| MEAN | 9900 | 10350 | 10800 | 11250 | 11650 | 12050 | 12450 | 12850 | 13200 |
| TOTAL NUMBER | 35 | 91 | 121 | 118 | 112 | 105 | 118 | 114 | 129 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 2 | 0 | 0 | 0 | 0 | 1 | 3 | 0 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 17200 | 18150 | 18850 | 19350 | 19650 | 19850 | 19950 | | |
| UPPER QUARTILE | 15900 | 16900 | 17700 | 18200 | 18600 | 18850 | 19000 | 19100 | 19150 |
| MEDIAN | 13950 | 14850 | 15550 | 16100 | 16450 | 16700 | 16850 | 16950 | 17000 |
| LOWER QUARTILE | 11900 | 12650 | 13250 | 13700 | 14000 | 14200 | 14300 | 14300 | 14200 |
| LOWER DECILE | 10600 | 11200 | 11650 | 12050 | 12300 | 12500 | 12550 | 12550 | 12400 |
| MEAN | 13850 | 14700 | 15350 | 15850 | 16200 | 16450 | 16650 | 16800 | 16850 |
| TOTAL NUMBER | 260 | 171 | 128 | 86 | 76 | 91 | 63 | 62 | 54 |
| NUMBERS OVER $20000 | 2 | 1 | 2 | 2 | 6 | 10 | 8 | 12 | 14 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 1954

## NON-GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 10850 | 10950 | 11800 | 12650 | 13400 | 14150 | 14850 | 15450 | 16000 |
| UPPER QUARTILE | 9300 | 9150 | 9950 | 10750 | 11500 | 12250 | 12950 | 13550 | 14150 |
| MEDIAN | 7650 | 8100 | 8750 | 9400 | 10050 | 10650 | 11200 | 11750 | 12250 |
| LOWER QUARTILE | | 7350 | 7850 | 8400 | 8900 | 9400 | 9850 | 10300 | 10750 |
| LOWER DECILE | | | 7250 | 7650 | 8000 | 8400 | 8750 | 9100 | 9400 |
| MEAN | 7950 | 8550 | 9200 | 9800 | 10400 | 10950 | 11500 | 12000 | 12450 |
| TOTAL NUMBER | 23 | 22 | 53 | 54 | 81 | 94 | 97 | 128 | 108 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 5 | 2 | 2 | 1 | 1 | 0 | 2 | 1 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 16900 | 17900 | 18500 | 18850 | 19050 | 19150 | 19250 | 19250 | 19250 |
| UPPER QUARTILE | 15150 | 16250 | 16950 | 17400 | 17650 | 17800 | 17850 | 17900 | 17900 |
| MEDIAN | 13150 | 14100 | 14800 | 15250 | 15500 | 15650 | 15750 | 15800 | 15800 |
| LOWER QUARTILE | 11500 | 12350 | 12950 | 13350 | 13600 | 13750 | 13800 | 13850 | 13900 |
| LOWER DECILE | 10050 | 10950 | 11500 | 12000 | 12350 | 12600 | 12750 | 12900 | 12950 |
| MEAN | 13300 | 14250 | 14850 | 15300 | 15550 | 15750 | 15800 | 15850 | 15900 |
| TOTAL NUMBER | 355 | 249 | 227 | 200 | 178 | 218 | 206 | 267 | 252 |
| NUMBERS OVER $20000 | 1 | 0 | 2 | 3 | 5 | 4 | 10 | 9 | 9 |
| NUMBERS UNDER $ 7000 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 2806

**LEGEND**

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

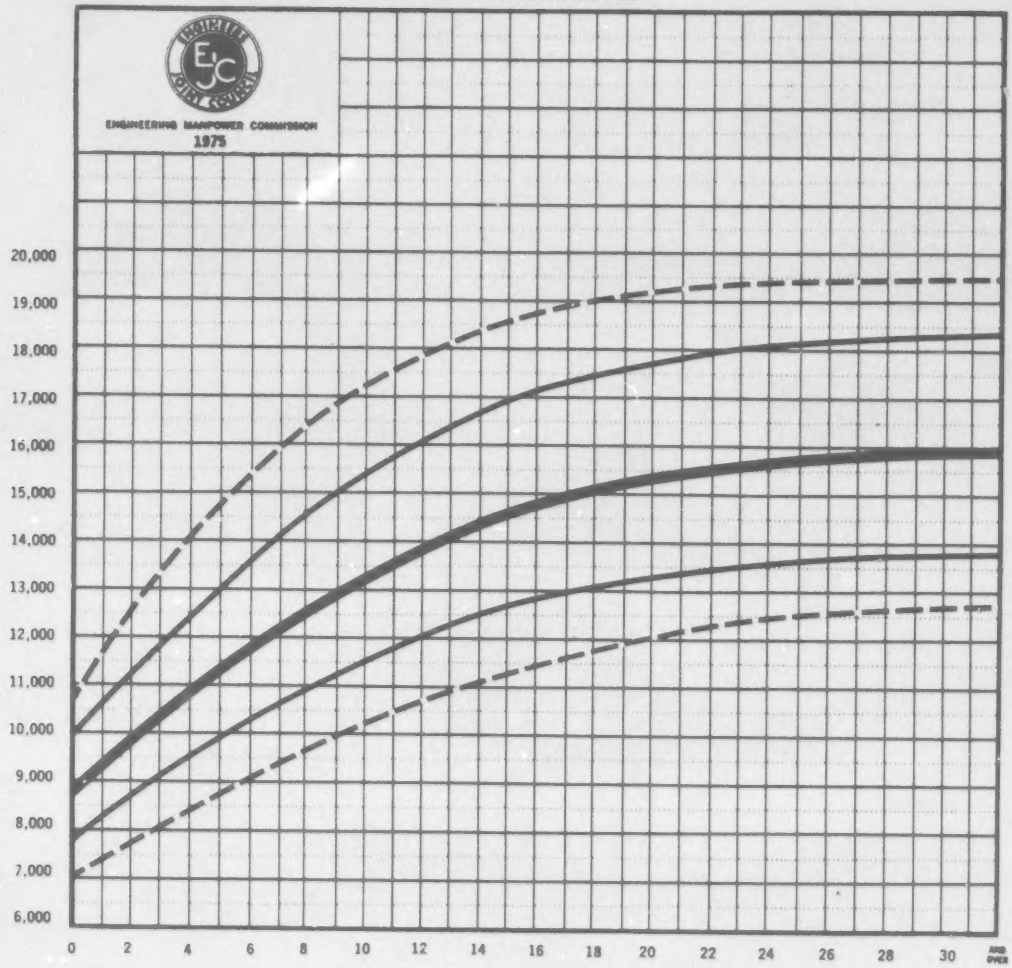


91

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

# ELECTRIC UTILITIES

## ALL TECHNICIANS




| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 10750 | 11650 | 12450 | 13250 | 14030 | 14700 | 15300 | 15900 | 16400 |
| UPPER QUARTILE | 10050 | 10700 | 11300 | 11900 | 12500 | 13100 | 13600 | 14100 | 14600 |
| MEDIAN | 8850 | 9350 | 9850 | 10350 | 10800 | 11250 | 11650 | 12100 | 12450 |
| LOWER QUARTILE | 7800 | 8250 | 8650 | 9100 | 9500 | 9900 | 10230 | 10600 | 10950 |
| LOWER DECILE | 7050 | 7400 | 7750 | 8050 | 8400 | 8750 | 9050 | 9350 | 9650 |
| MEAN | 8950 | 9500 | 10050 | 10550 | 11050 | 11500 | 11950 | 12350 | 12750 |
| TOTAL NUMBER | 35 | 90 | 135 | 142 | 152 | 158 | 188 | 182 | 187 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 6 | 2 | 2 | 0 | 1 | 1 | 5 | 1 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 17250 | 18150 | 18750 | 19100 | 19300 | 19400 | 19450 | 19500 | 19500 |
| UPPER QUARTILE | 15400 | 16400 | 17150 | 17650 | 17950 | 18200 | 18300 | 18400 | 18400 |
| MEDIAN | 13150 | 14050 | 14700 | 15150 | 15500 | 15750 | 15850 | 15950 | 16000 |
| LOWER QUARTILE | 11500 | 12250 | 12800 | 13150 | 13450 | 13600 | 13700 | 13800 | 13850 |
| LOWER DECILE | 10200 | 10900 | 11450 | 11900 | 12200 | 12450 | 12600 | 12700 | 12800 |
| MEAN | 13450 | 14300 | 14900 | 15350 | 15600 | 15800 | 15900 | 16000 | 16000 |
| TOTAL NUMBER | 471 | 329 | 272 | 215 | 183 | 206 | 200 | 244 | 214 |
| NUMBERS OVER $20000 | 1 | 0 | 3 | 5 | 8 | 11 | 11 | 18 | 18 |
| NUMBERS UNDER $ 7000 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |

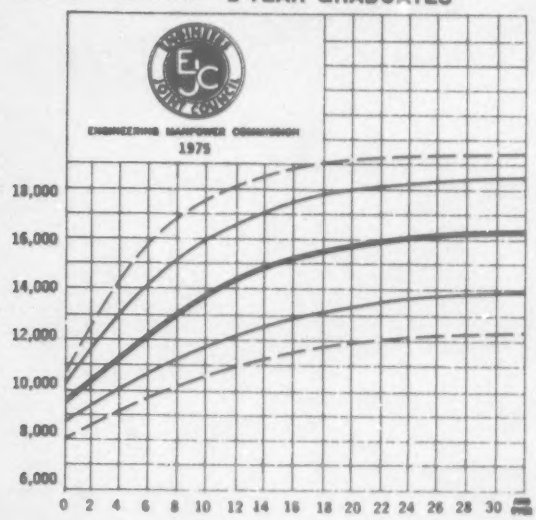
NUMBER OF TECHNICIANS COVERED - 3603

**LEGEND**

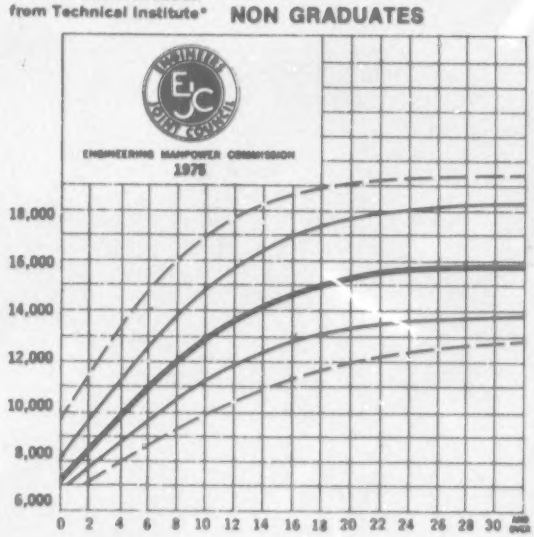
- Upper Decile — — —
- Upper Quartile ———
- Median ▬▬▬
- Lower Quartile ———
- Lower Decile — — —

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent Years Since Graduation from Technical Institute* **2-YEAR GRADUATES**




Annual Salary by Equivalent Years Since Graduation from Technical Institute* **NON GRADUATES**




## 2-YEAR GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 10750 | 11700 | 12600 | 13450 | 14250 | 14950 | 15600 | 16200 | 16700 |
| UPPER QUARTILE | 10250 | 10950 | 11550 | 12300 | 12950 | 13550 | 14150 | 14650 | 15100 |
| MEDIAN | 9650 | 10150 | 10600 | 11100 | 11550 | 11950 | 12350 | 12750 | 13100 |
| LOWER QUARTILE | 8750 | 9100 | 9450 | 9750 | 10100 | 10400 | 10700 | 10950 | 11250 |
| LOWER DECILE | 8050 | 8700 | 8600 | 8850 | 9150 | 9400 | 9650 | 9900 | 10100 |
| MEAN | 9600 | 10100 | 10600 | 11100 | 11550 | 12000 | 12400 | 12800 | 13150 |
| TOTAL NUMBER | 19 | 69 | 93 | 98 | 91 | 82 | 111 | 87 | 111 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 2 | 0 | 0 | 0 | 0 | 1 | 3 | 0 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 17500 | 18350 | 18800 | 19100 | 19250 | 19350 | 19350 | 19400 | 19400 |
| UPPER QUARTILE | 15950 | 16950 | 17500 | 17900 | 18150 | 18300 | 18400 | 18450 | 18450 |
| MEDIAN | 13750 | 14550 | 15150 | 15600 | 15900 | 16100 | 16200 | 16300 | 16350 |
| LOWER QUARTILE | 11750 | 12400 | 12900 | 13250 | 13500 | 13700 | 13800 | 13900 | 13950 |
| LOWER DECILE | 10550 | 11100 | 11500 | 11800 | 12050 | 12200 | 12300 | 12400 | 12450 |
| MEAN | 13800 | 14600 | 15150 | 15550 | 15850 | 16000 | 16100 | 16200 | 16200 |
| TOTAL NUMBER | 209 | 152 | 105 | 66 | 60 | 68 | 45 | 50 | 43 |
| NUMBERS OVER $24000 | 0 | 0 | 1 | 2 | 4 | 9 | 9 | 11 | 13 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 1551

## NON-GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 9700 | 10600 | 11550 | 12450 | 13300 | 14100 | 14800 | 15450 | 16050 |
| UPPER QUARTILE | 8200 | 8950 | 9700 | 10450 | 11150 | 11850 | 12550 | 13200 | 13800 |
| MEDIAN | 7250 | 7900 | 8550 | 9150 | 9800 | 10350 | 10950 | 11500 | 12000 |
| LOWER QUARTILE | | 7150 | 7800 | 8300 | 8750 | 9200 | 9650 | 10100 | 10500 |
| LOWER DECILE | | | 7250 | 7600 | 7950 | 8300 | 8650 | 8950 | 9300 |
| MEAN | 7800 | 8400 | 9000 | 9600 | 10200 | 10750 | 11300 | 11800 | 12300 |
| TOTAL NUMBER | 22 | 21 | 42 | 46 | 61 | 76 | 77 | 95 | 76 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 4 | 2 | 2 | 0 | 1 | 0 | 2 | 1 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 17000 | 18150 | 18650 | 19000 | 19200 | 19300 | 19350 | 19400 | 19400 |
| UPPER QUARTILE | 14850 | 16100 | 16950 | 17550 | 17900 | 18100 | 18250 | 18300 | 18300 |
| MEDIAN | 12900 | 13900 | 14650 | 15100 | 15400 | 15600 | 15700 | 15750 | 15750 |
| LOWER QUARTILE | 11200 | 12100 | 12750 | 13200 | 13450 | 13600 | 13700 | 13800 | 13800 |
| LOWER DECILE | 9930 | 10650 | 11350 | 11850 | 12200 | 12500 | 12700 | 12850 | 12950 |
| MEAN | 13100 | 14100 | 14900 | 15250 | 15550 | 15750 | 15850 | 15900 | 15950 |
| TOTAL NUMBER | 262 | 177 | 167 | 149 | 121 | 138 | 155 | 194 | 171 |
| NUMBERS OVER $20000 | 1 | 0 | 2 | 3 | 4 | 2 | 3 | 7 | 5 |
| NUMBERS UNDER $ 7000 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 2050

**LEGEND**

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

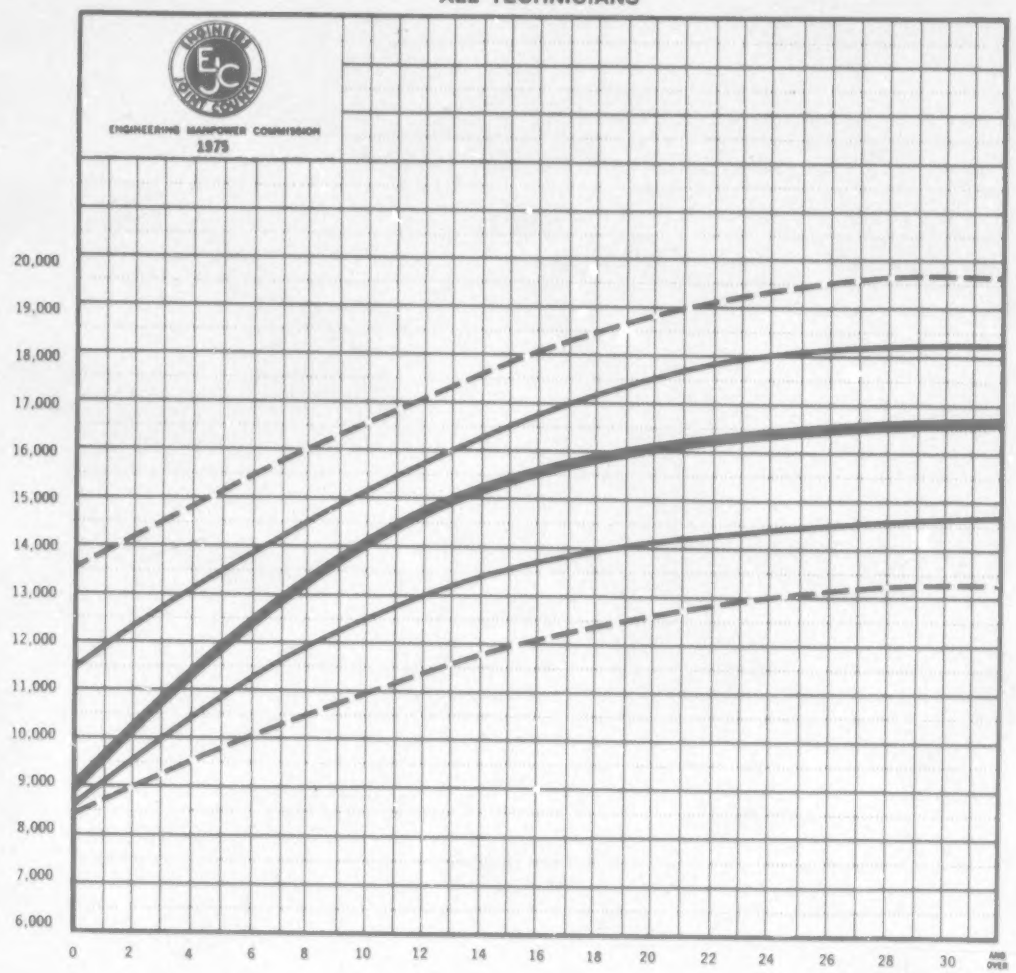


93

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

# COMBINED ELECTRIC & GAS UTILITIES

## ALL TECHNICIANS




| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 13550 | 13900 | 14200 | 14500 | 14800 | 15100 | 15400 | 15700 | 16000 |
| UPPER QUARTILE | 11500 | 11900 | 12250 | 12650 | 13050 | 13400 | 13750 | 14150 | 14500 |
| MEDIAN | 9950 | 9650 | 10200 | 10800 | 11350 | 11850 | 12350 | 12850 | 13250 |
| LOWER QUARTILE | 8600 | 9050 | 9500 | 9950 | 10400 | 10800 | 11200 | 11550 | 11900 |
| LOWER DECILE | 8450 | 8750 | 9000 | 9250 | 9600 | 9750 | 10050 | 10250 | 10500 |
| MEAN | 10300 | 10650 | 11050 | 11400 | 11800 | 12150 | 12500 | 12850 | 13200 |
| TOTAL NUMBER | 93 | 43 | 39 | 70 | 41 | 41 | 47 | 60 | 50 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 16550 | 17350 | 18050 | 18650 | 19100 | 19450 | 19600 | 19650 | 19250 |
| UPPER QUARTILE | 15150 | 16100 | 16850 | 17450 | 17900 | 18150 | 18250 | 18250 | 18000 |
| MEDIAN | 14050 | 14980 | 15550 | 16000 | 16300 | 16450 | 16550 | 16650 | 16650 |
| LOWER QUARTILE | 12500 | 13750 | 13750 | 14150 | 14350 | 14500 | 14600 | 14650 | 14700 |
| LOWER DECILE | 10950 | 11550 | 12100 | 12500 | 12800 | 13050 | 13200 | 13250 | 13250 |
| MEAN | 13800 | 14600 | 15250 | 15700 | 15950 | 16250 | 16350 | 16350 | 16300 |
| TOTAL NUMBER | 144 | 91 | 83 | 71 | 71 | 95 | 71 | 85 | 92 |
| NUMBERS OVER $20000 | 2 | 1 | 1 | 0 | 1 | 3 | 2 | 3 | 5 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

**LEGEND**

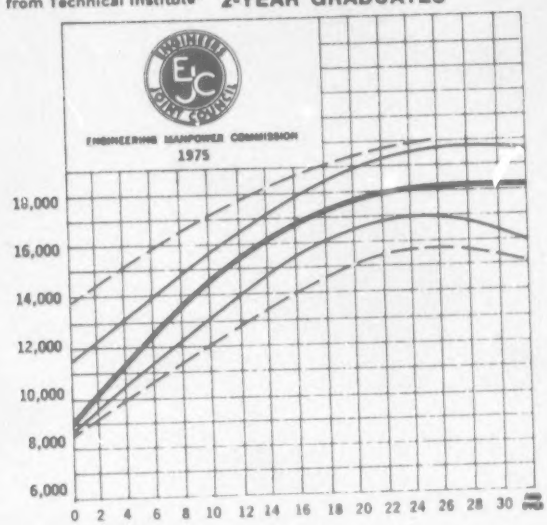
- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

NUMBER OF TECHNICIANS COVERED - 1157

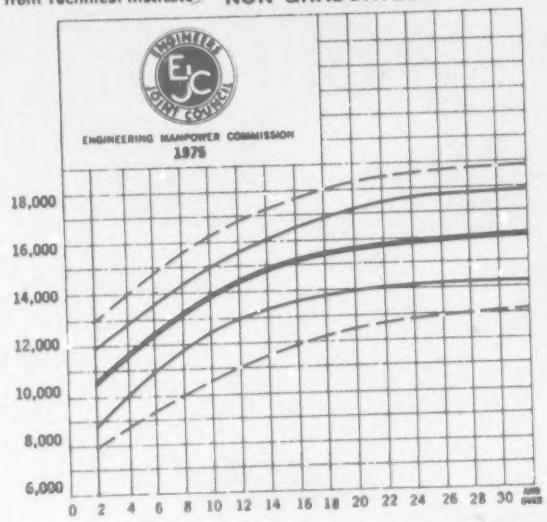
*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

# COMBINED ELECTRIC & GAS UTILITIES

Annual Salary by Equivalent Years Since Graduation from Technical Institute* **2-YEAR GRADUATES**




Annual Salary by Equivalent Years Since Graduation from Technical Institute* **NON GRADUATES**




## 2-YEAR GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 13800 | 14150 | 14500 | 14800 | 15150 | 15500 | 15850 | 16150 | 16450 |
| UPPER QUARTILE | 11500 | 11900 | 12300 | 12700 | 13100 | 13550 | 13950 | 14350 | 14750 |
| MEDIAN | 9050 | 9600 | 10150 | 10700 | 11250 | 11800 | 12350 | 12900 | 13450 |
| LOWER QUARTILE | 8800 | 9200 | 9600 | 10000 | 10400 | 10850 | 11250 | 11700 | 12150 |
| LOWER DECILE | 8650 | 8950 | 9250 | 9600 | 9900 | 10250 | 10600 | 10950 | 11300 |
| MEAN | 10450 | 10800 | 11200 | 11600 | 12000 | 12400 | 12800 | 13200 | 13600 |
| TOTAL NUMBER | 22 | 22 | 28 | 20 | 21 | 23 | 27 | 27 | 18 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 17100 | 17950 | 18650 | 19250 | 19700 | 19950 | | | |
| UPPER QUARTILE | 15600 | 16750 | 17800 | 18650 | 19300 | 19700 | 19800 | 19650 | 18800 |
| MEDIAN | 14450 | 15750 | 16750 | 17450 | 17900 | 18100 | 18150 | 18150 | 18050 |
| LOWER QUARTILE | 13050 | 14300 | 15450 | 16250 | 16850 | 17000 | 16750 | 15950 | 14000 |
| LOWER DECILE | 12000 | 13000 | 14000 | 14800 | 15400 | 15650 | 15650 | 15100 | 13150 |
| MEAN | 14400 | 15500 | 16500 | 17300 | 17850 | 18150 | 18200 | 17900 | 16950 |
| TOTAL NUMBER | 51 | 19 | 23 | 20 | 16 | 23 | 18 | 12 | 11 |
| NUMBERS OVER $20000 | 2 | 1 | 1 | 0 | 2 | 1 | 0 | 1 | 1 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 401

## NON-GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 0 | 0 | 12950 | 13450 | 13900 | 14350 | 14750 | 15150 | 15500 |
| UPPER QUARTILE | 0 | 0 | 11900 | 12300 | 12700 | 13100 | 13500 | 13900 | 14250 |
| MEDIAN | 0 | 0 | 10450 | 10950 | 11450 | 11950 | 12350 | 12750 | 13150 |
| LOWER QUARTILE | 0 | 0 | 8700 | 9300 | 9850 | 10400 | 10950 | 11350 | 11750 |
| LOWER DECILE | 0 | 0 | 7900 | 8250 | 8650 | 8950 | 9300 | 9650 | 9950 |
| MEAN | 0 | 0 | 10450 | 10900 | 11350 | 11800 | 12200 | 12550 | 12900 |
| TOTAL NUMBER | 1 | 1 | 11 | 10 | 20 | 18 | 20 | 33 | 32 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 16200 | 17000 | 17600 | 18100 | 18500 | 18600 | 18750 | 18850 | 18850 |
| UPPER QUARTILE | 14950 | 15800 | 16550 | 17450 | 17800 | 17650 | 17750 | 17850 | 17850 |
| MEDIAN | 13900 | 14600 | 15150 | 15500 | 15750 | 15900 | 16000 | 16050 | 16100 |
| LOWER QUARTILE | 12450 | 13150 | 13600 | 13850 | 14050 | 14100 | 14150 | 14200 | 14200 |
| LOWER DECILE | 10500 | 11250 | 11850 | 12300 | 12650 | 12850 | 13000 | 13150 | 13200 |
| MEAN | 13550 | 14300 | 14900 | 15300 | 15550 | 15750 | 15850 | 15950 | 16000 |
| TOTAL NUMBER | 93 | 82 | 60 | 51 | 55 | 72 | 57 | 73 | 81 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 1 | 2 | 1 | 2 | 4 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 756

**LEGEND**

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

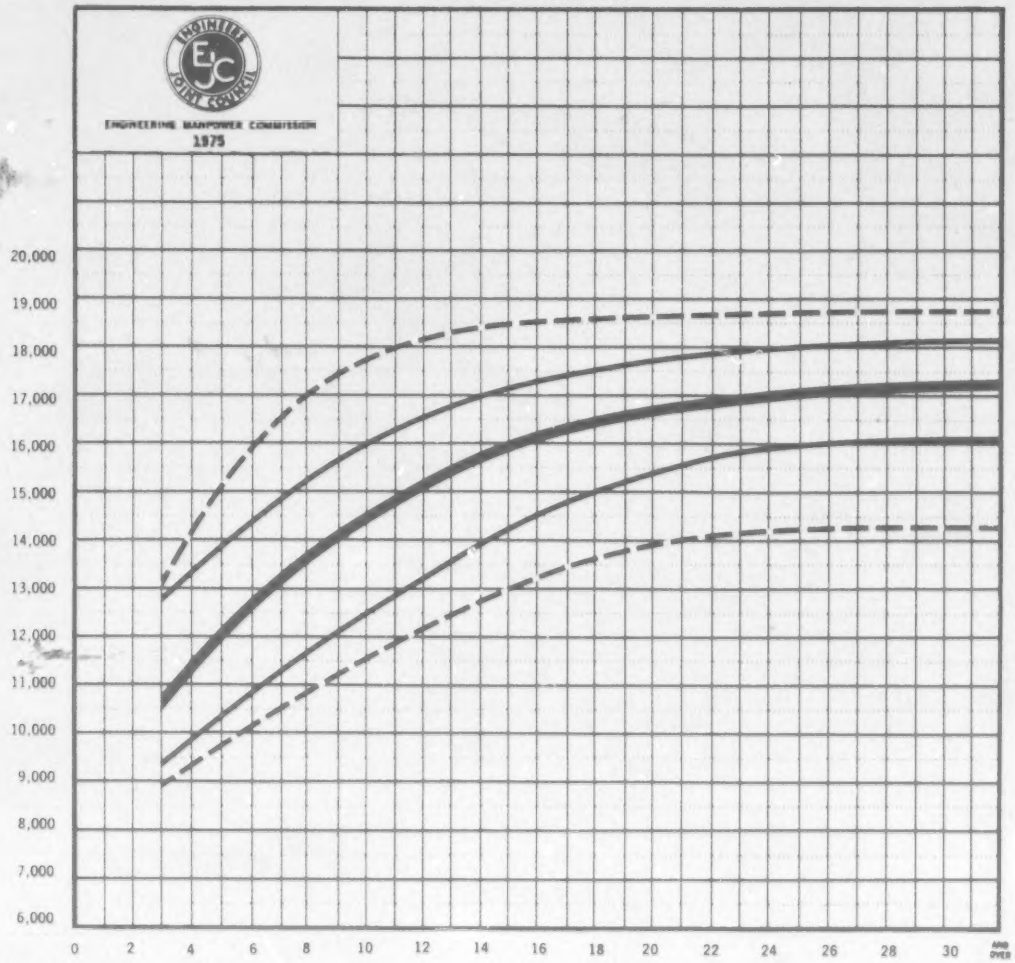
*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.


95

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

# COMMUNICATIONS

## ALL TECHNICIANS




| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 0 | 0 | 0 | 13100 | 14200 | 15100 | 15900 | 16500 | 17000 |
| UPPER QUARTILE | 0 | 0 | 0 | 12850 | 13400 | 13950 | 14450 | 14900 | 15300 |
| MEDIAN | 0 | 0 | 0 | 10650 | 11300 | 11950 | 12500 | 13050 | 13600 |
| LOWER QUARTILE | 0 | 0 | 0 | 9400 | 9850 | 10300 | 10750 | 11200 | 11650 |
| LOWER DECILE | 0 | 0 | 0 | 8950 | 9300 | 9700 | 10100 | 10450 | 10850 |
| MEAN | 0 | 0 | 0 | 11050 | 11600 | 12150 | 12650 | 13150 | 13600 |
| TOTAL NUMBER | 3 | 3 | 2 | 10 | 12 | 9 | 21 | 12 | 5 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

**LEGEND**

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 17700 | 18250 | 18500 | 18600 | 18650 | 18700 | 18700 | 18700 | 18700 |
| UPPER QUARTILE | 16000 | 16800 | 17350 | 17700 | 17900 | 18050 | 18100 | 18150 | 18200 |
| MEDIAN | 14450 | 15500 | 16150 | 16600 | 16900 | 17050 | 17150 | 17200 | 17200 |
| LOWER QUARTILE | 12500 | 13650 | 14550 | 15250 | 15700 | 15950 | 16050 | 16050 | 15950 |
| LOWER DECILE | 11550 | 12450 | 13200 | 13750 | 14100 | 14250 | 14300 | 14300 | 14150 |
| MEAN | 14400 | 15300 | 15950 | 16350 | 16650 | 16800 | 16900 | 16950 | 16950 |
| TOTAL NUMBER | 39 | 29 | 38 | 32 | 21 | 40 | 12 | 17 | 21 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 326

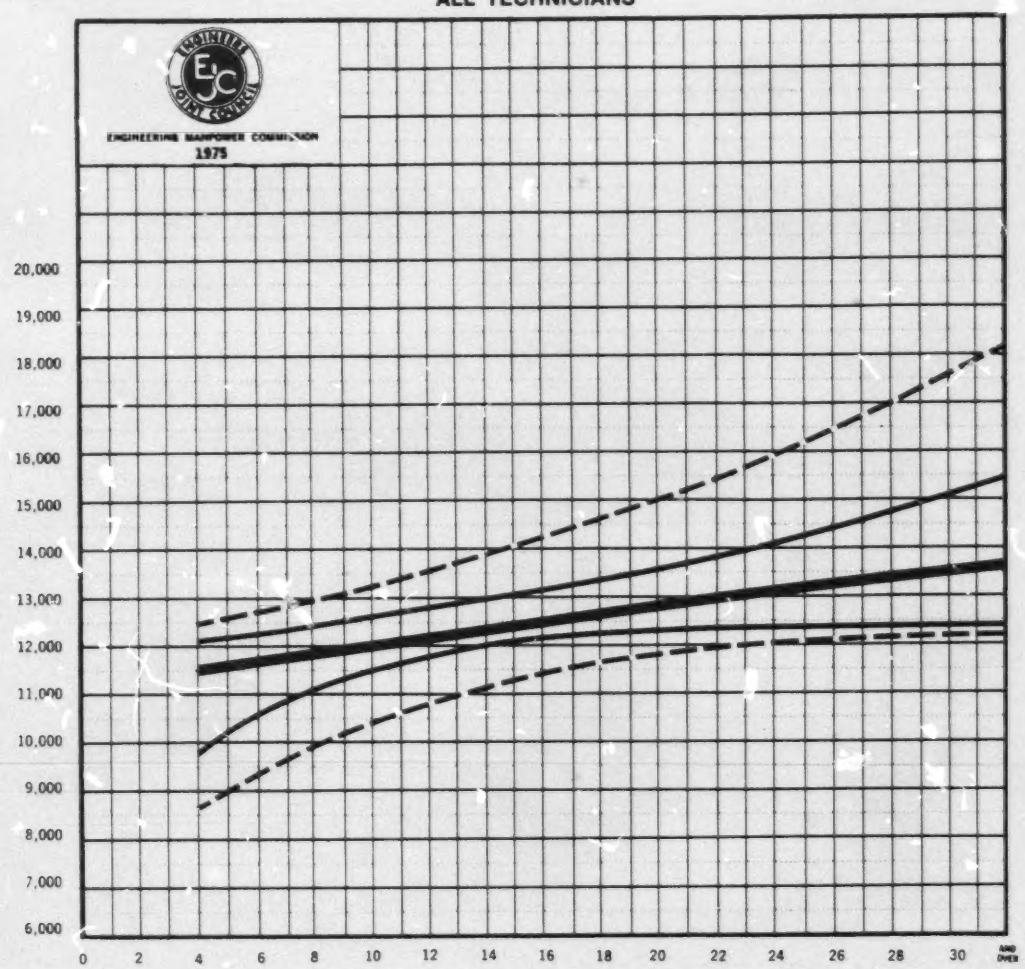
*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.


96

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

# GAS UTILITIES & PIPELINES

## ALL TECHNICIANS




| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 0 | 0 | 0 | 0 | 12450 | 12550 | 12750 | 12800 | 12950 |
| UPPER QUARTILE | 0 | 0 | 0 | 0 | 12100 | 12200 | 12250 | 12350 | 12400 |
| MEDIAN | 0 | 0 | 0 | 0 | 11500 | 11600 | 11650 | 11750 | 11850 |
| LOWER QUARTILE | 0 | 0 | 0 | 0 | 9750 | 10150 | 10500 | 10800 | 11100 |
| LOWER DECILE | 0 | 0 | 0 | 0 | 8650 | 8950 | 9300 | 9600 | 9900 |
| MEAN | 0 | 0 | 0 | 0 | 11200 | 11350 | 11450 | 11550 | 11700 |
| TOTAL NUMBER | 4 | 3 | 4 | 1 | 8 | 9 | 15 | 13 | 19 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

**LEGEND**

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 13200 | 13700 | 14200 | 14800 | 15450 | 16200 | 17010 | 18100 | |
| UPPER QUARTILE | 12550 | 12800 | 13100 | 13400 | 13800 | 14200 | 14720 | 15450 | 17050 |
| MEDIAN | 12000 | 12200 | 12450 | 12700 | 12900 | 13150 | 13350 | 13600 | 14050 |
| LOWER QUARTILE | 11500 | 11950 | 12150 | 12300 | 12350 | 12400 | 12400 | 12450 | 12550 |
| LOWER DECILE | 10400 | 11000 | 11400 | 11750 | 11950 | 12050 | 12150 | 12200 | 12250 |
| MEAN | 11900 | 12250 | 12600 | 12950 | 13300 | 13600 | 13950 | 14350 | 15000 |
| TOTAL NUMBER | 41 | 79 | 44 | 52 | 75 | 64 | 52 | 64 | 57 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 3 | 6 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 567

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

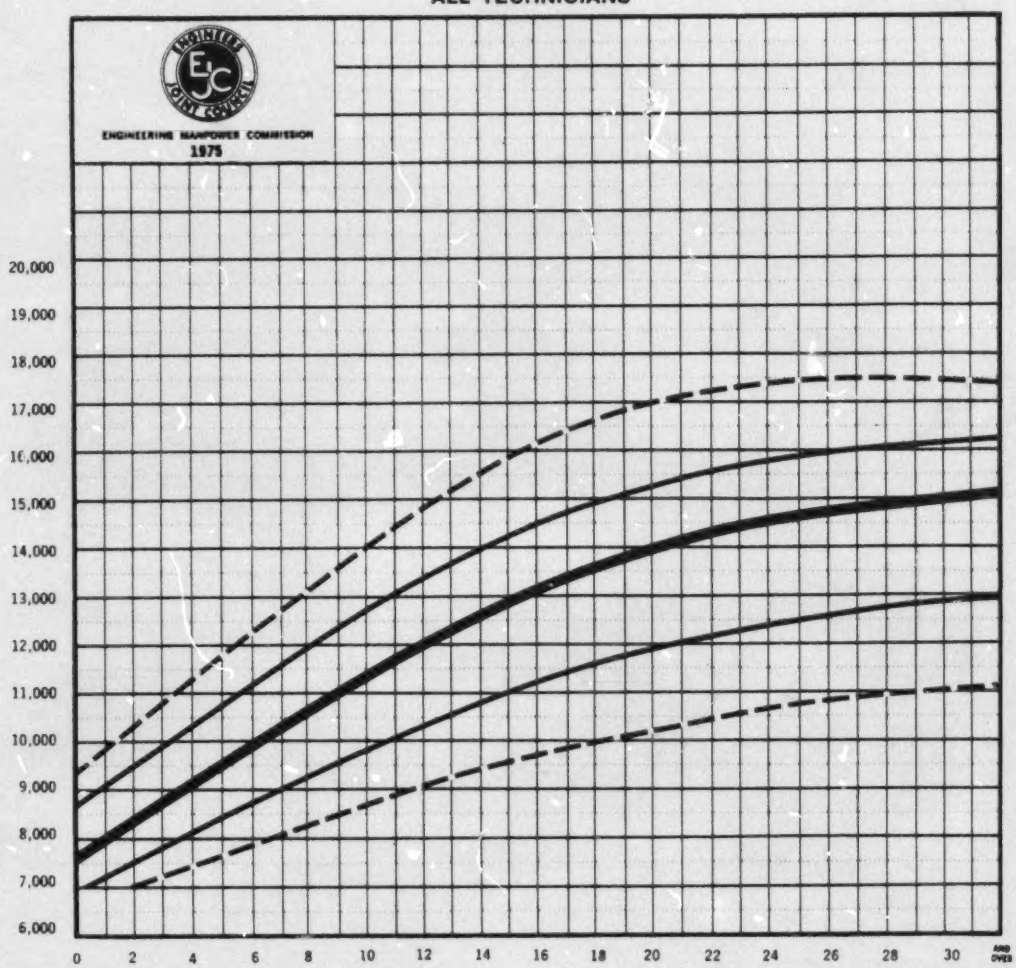


97

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

# FEDERAL GOVERNMENT

## ALL TECHNICIANS




| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 9450 | 9900 | 10400 | 10850 | 11300 | 11800 | 12250 | 12700 | 13150 |
| UPPER QUARTILE | 8650 | 9050 | 9500 | 9900 | 10350 | 10750 | 11150 | 11600 | 11950 |
| MEDIAN | 7800 | 7950 | 8350 | 8700 | 9100 | 9500 | 9850 | 10250 | 10600 |
| LOWER QUARTILE | | 7250 | 7550 | 7850 | 8100 | 8400 | 8700 | 8950 | 9250 |
| LOWER DECILE | | | 7000 | 7200 | 7450 | 7650 | 7850 | 8050 | 8250 |
| MEAN | 7850 | 8200 | 8550 | 8900 | 9300 | 9650 | 10000 | 10350 | 10700 |
| TOTAL NUMBER | 104 | 121 | 146 | 150 | 135 | 171 | 186 | 198 | 216 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 23 | 14 | 10 | 7 | 4 | 10 | 4 | 3 | 2 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 14050 | 15700 | 16150 | 16800 | 17250 | 17450 | 17500 | 17400 | 17150 |
| UPPER QUARTILE | 12700 | 13740 | 14500 | 15100 | 15550 | 15850 | 16050 | 16250 | 16350 |
| MEDIAN | 11300 | 12250 | 13100 | 13750 | 14250 | 14600 | 14850 | 15050 | 15200 |
| LOWER QUARTILE | 9800 | 10500 | 11200 | 11750 | 12150 | 12500 | 12750 | 12950 | 13150 |
| LOWER DECILE | 8650 | 9200 | 9700 | 10100 | 10450 | 10700 | 10950 | 11100 | 11300 |
| MEAN | 11350 | 12250 | 13050 | 13550 | 13950 | 14250 | 14400 | 14550 | 14600 |
| TOTAL NUMBER | 537 | 557 | 517 | 450 | 350 | 326 | 288 | 386 | 808 |
| NUMBERS OVER $20000 | 0 | 1 | 3 | 4 | 1 | 1 | 3 | 8 | 7 |
| NUMBERS UNDER $ 7000 | 8 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 |

NUMBER OF TECHNICIANS COVERED - 5646

**LEGEND**

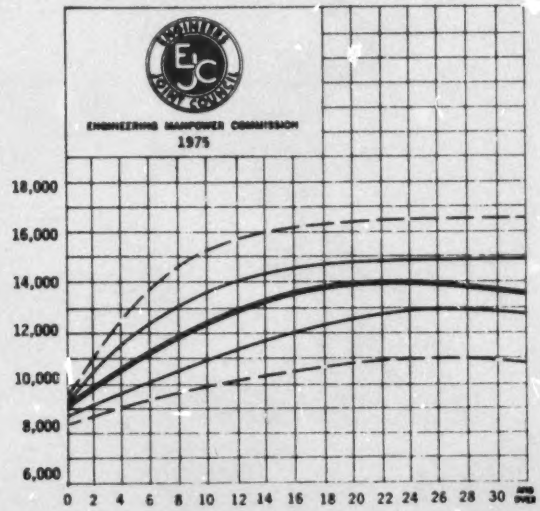
- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

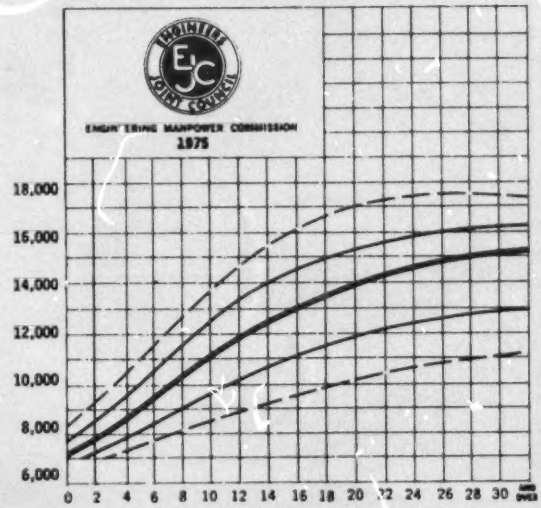


98

Annual Salary by Equivalent Years Since Graduation from Technical Institute* **2-YEAR GRADUATES**




Annual Salary by Equivalent Years Since Graduation from Technical Institute* **NON GRADUATES**




## 2-YEAR GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 9550 | 10750 | 11150 | 11850 | 12500 | 13100 | 13650 | 14100 | 14500 |
| UPPER QUARTILE | 9200 | 9850 | 10450 | 11000 | 11500 | 12000 | 12400 | 12800 | 13150 |
| MEDIAN | 9100 | 9450 | 9800 | 10150 | 10500 | 10800 | 11150 | 11450 | 11750 |
| LOWER QUARTILE | 8750 | 8950 | 9150 | 9400 | 9600 | 9800 | 10050 | 10250 | 10450 |
| LOWER DECILE | 8400 | 8550 | 8700 | 8850 | 9000 | 9200 | 9300 | 9450 | 9600 |
| MEAN | 9200 | 9500 | 9850 | 10200 | 10550 | 10850 | 11200 | 11500 | 11800 |
| TOTAL NUMBER | 20 | 42 | 50 | 56 | 28 | 51 | 47 | 43 | 35 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 15150 | 15940 | 16200 | 16400 | 16500 | 16550 | 16550 | 16600 | 16600 |
| UPPER QUARTILE | 13650 | 14200 | 14550 | 14700 | 14800 | 14900 | 14900 | 14900 | 14950 |
| MEDIAN | 12350 | 13050 | 13600 | 13900 | 14000 | 14600 | 13800 | 13500 | 12900 |
| LOWER QUARTILE | 10900 | 11450 | 12000 | 12450 | 12750 | 12950 | 12950 | 12750 | 11850 |
| LOWER DECILE | 9900 | 10250 | 10550 | 10800 | 10950 | 11000 | 11000 | 10800 | 10100 |
| MEAN | 12400 | 13100 | 13600 | 13950 | 14050 | 14050 | 13900 | 13550 | 13000 |
| TOTAL NUMBER | 96 | 82 | 51 | 31 | 33 | 18 | 15 | 11 | 8 |
| NUMBERS OVER $20000 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 715

## NON-GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 8400 | 8900 | 9450 | 9950 | 10500 | 11050 | 11500 | 12150 | 12700 |
| UPPER QUARTILE | 7750 | 8200 | 8650 | 9150 | 9600 | 10100 | 10600 | 11050 | 11500 |
| MEDIAN | 7100 | 7500 | 7950 | 8250 | 8650 | 9050 | 9450 | 9850 | 10250 |
| LOWER QUARTILE | | 7000 | 7250 | 7550 | 7850 | 8150 | 8450 | 8750 | 9050 |
| LOWER DECILE | | | | 7100 | 7300 | 7500 | 7700 | 7900 | 8100 |
| MEAN | 7300 | 7450 | 8050 | 8400 | 8800 | 9200 | 9600 | 10000 | 10350 |
| TOTAL NUMBER | 86 | 79 | 96 | 96 | 107 | 120 | 139 | 155 | 181 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 23 | 14 | 10 | 7 | 8 | 10 | 6 | 3 | 2 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 13700 | 15050 | 16100 | 16800 | 17250 | 17600 | 17650 | 17350 | 17150 |
| UPPER QUARTILE | 12400 | 13550 | 14500 | 15200 | 15650 | 15950 | 16150 | 16250 | 16300 |
| MEDIAN | 11050 | 12100 | 13000 | 13700 | 14250 | 14650 | 14950 | 15150 | 15250 |
| LOWER QUARTILE | 9600 | 10400 | 11100 | 11700 | 12150 | 12500 | 12750 | 12950 | 13150 |
| LOWER DECILE | 8500 | 9050 | 9550 | 10000 | 10400 | 10700 | 10900 | 11150 | 11350 |
| MEAN | 11100 | 12050 | 12900 | 13550 | 14000 | 14250 | 14450 | 14550 | 14680 |
| TOTAL NUMBER | 443 | 475 | 466 | 419 | 317 | 308 | 273 | 375 | 800 |
| NUMBERS OVER $20000 | 4 | 0 | 1 | 4 | 1 | 1 | 3 | 8 | 7 |
| NUMBERS UNDER $ 7000 | 8 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 |

NUMBER OF TECHNICIANS COVERED - 4931

**LEGEND**

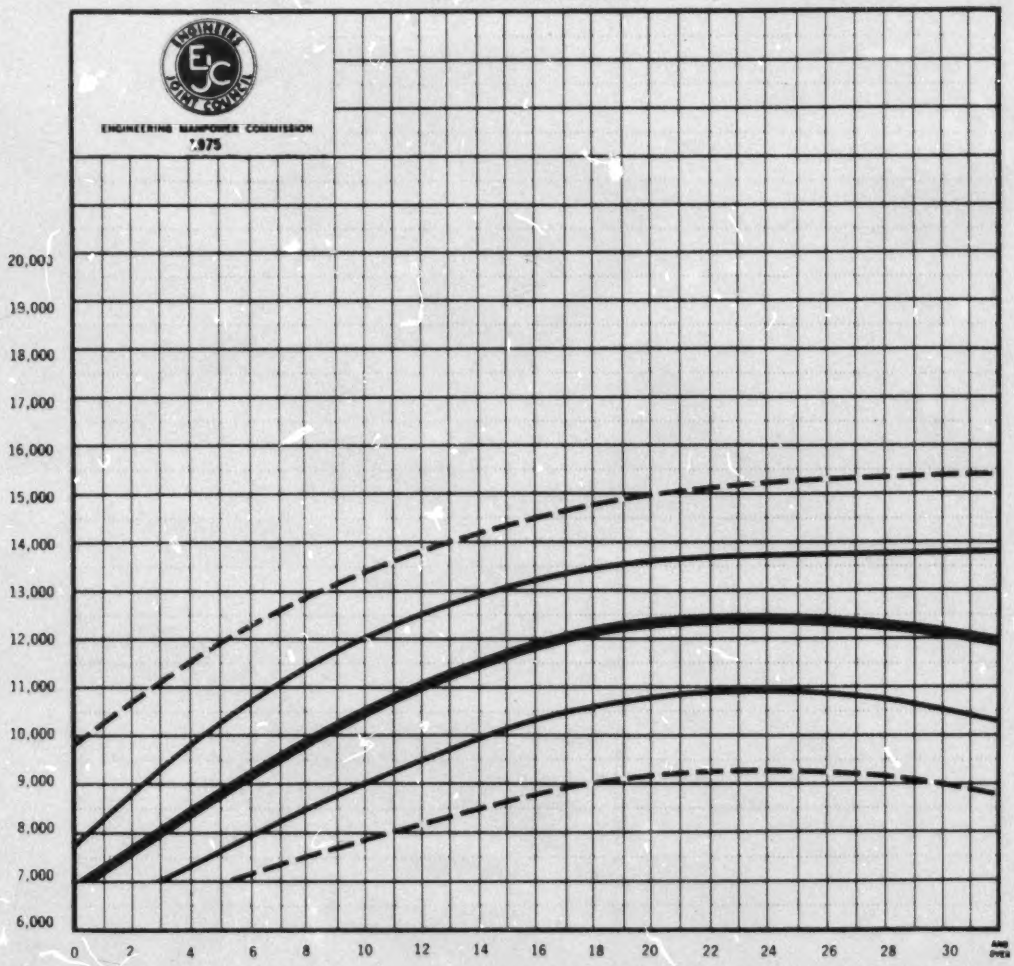
- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

# STATE GOVERNMENT

## ALL TECHNICIANS




| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 9900 | 10350 | 10750 | 11150 | 11500 | 11850 | 12200 | 12550 | 12850 |
| UPPER QUARTILE | 7750 | 8700 | 8850 | 9350 | 9800 | 10250 | 10700 | 11050 | 11400 |
| MEDIAN | | 7300 | 7650 | 8050 | 8400 | 8800 | 9150 | 9500 | 9850 |
| LOWER QUARTILE | | | | 7100 | 7350 | 7650 | 7950 | 8200 | 8500 |
| LOWER DECILE | | | | | | | 7150 | 7300 | 7500 |
| MEAN | 7700 | 8000 | 8160 | 8550 | 8850 | 9150 | 9450 | 9750 | 10000 |
| TOTAL NUMBER | 234 | 243 | 299 | 334 | 372 | 359 | 388 | 504 | 543 |
| NUMBERS OVER $20000 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 102 | 127 | 121 | 131 | 109 | 75 | 63 | 77 | 56 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 13350 | 14000 | 14500 | 14850 | 15100 | 15250 | 15350 | 15450 | 15500 |
| UPPER QUARTILE | 12000 | 12700 | 13200 | 13500 | 13650 | 13750 | 13800 | 13850 | 13850 |
| MEDIAN | 10500 | 11350 | 11900 | 12250 | 12400 | 12350 | 12250 | 11900 | 11500 |
| LOWER QUARTILE | 9000 | 9750 | 10350 | 10750 | 10900 | 10900 | 10750 | 10350 | 9600 |
| LOWER DECILE | 7850 | 8350 | 8750 | 9050 | 9200 | 9250 | 9100 | 8700 | 7600 |
| MEAN | 10550 | 11250 | 11850 | 12200 | 12450 | 12500 | 12430 | 12150 | 11600 |
| TOTAL NUMBER | 1231 | 1346 | 1178 | 1171 | 846 | 658 | 595 | 678 | 1028 |
| NUMBERS OVER $20000 | 2 | 9 | 9 | 10 | 16 | 13 | 12 | 14 | 19 |
| NUMBERS UNDER $ 7000 | 76 | 52 | 30 | 24 | 29 | 13 | 11 | 32 | 79 |

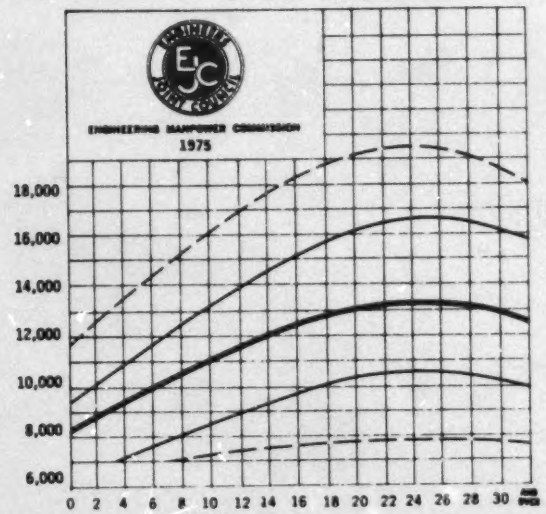
NUMBER OF TECHNICIANS COVERED - 11921

**LEGEND**

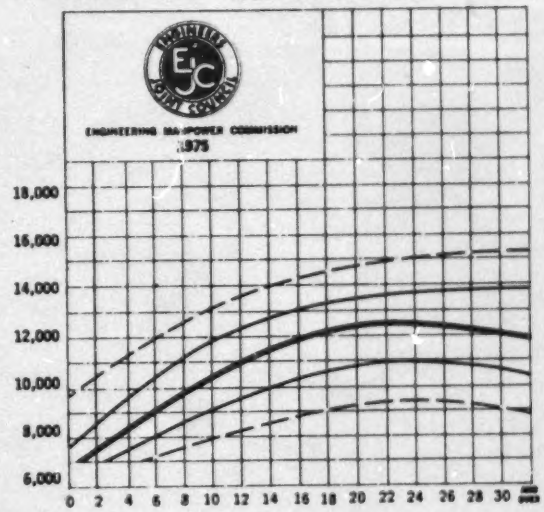
- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent Years Since Graduation from Technical Institute* **2-YEAR GRADUATES**




Annual Salary by Equivalent Years Since Graduation from Technical Institute* **NON GRADUATES**




## 2-YEAR GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 11750 | 12150 | 12550 | 13000 | 13400 | 13850 | 14300 | 14750 | 15200 |
| UPPER QUARTILE | 9500 | 9850 | 10150 | 10500 | 10939 | 11250 | 11600 | 12000 | 12350 |
| MEDIAN | 8250 | 8500 | 8800 | 9050 | 9350 | 9650 | 9900 | 10200 | 10500 |
| LOWER QUARTILE | | | | | 7100 | 7350 | 7550 | 7900 | 8050 |
| LOWER DECILE | | | | | | | | | 7050 |
| MEAN | 8500 | 8800 | 9050 | 9300 | 9600 | 9900 | 10150 | 10450 | 10700 |
| TOTAL NUMBER | 35 | 63 | 92 | 94 | 95 | 100 | 96 | 88 | 83 |
| NUMBERS OVER $20000 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 15 | 23 | 30 | 31 | 29 | 31 | 17 | 29 | 14 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 16050 | 17300 | 18350 | 19150 | 19550 | 19550 | 19150 | 18000 | 15150 |
| UPPER QUARTILE | 13100 | 14200 | 15150 | 15950 | 16450 | 16450 | 16450 | 15700 | 13450 |
| MEDIAN | 11050 | 11800 | 12450 | 12950 | 13200 | 13250 | 13100 | 12550 | 11100 |
| LOWER QUARTILE | 9500 | 9150 | 9750 | 10200 | 10500 | 10600 | 10450 | 10000 | 8600 |
| LOWER DECILE | 7700 | 7450 | 7600 | 7750 | 7800 | 7800 | 7750 | 7600 | 7100 |
| MEAN | 11250 | 12050 | 12700 | 13200 | 13500 | 13550 | 13350 | 12750 | 11100 |
| TOTAL NUMBER | 179 | 82 | 70 | 69 | 70 | 46 | 22 | 16 | 70 |
| NUMBERS OVER $20000 | 2 | 9 | 7 | 6 | 9 | 7 | 5 | 3 | 0 |
| NUMBERS UNDER $ 7000 | 16 | 11 | 4 | 5 | 5 | 2 | 1 | 3 | 13 |

NUMBER OF TECHNICIANS COVERED - 1351

## NON-GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 9700 | 10100 | 10500 | 10900 | 11300 | 11650 | 12000 | 12350 | 12650 |
| UPPER QUARTILE | 7650 | 8150 | 8700 | 9200 | 9650 | 10100 | 10500 | 10900 | 11250 |
| MEDIAN | | 7150 | 7500 | 7850 | 8250 | 8650 | 9000 | 9350 | 9750 |
| LOWER QUARTILE | | | | 7150 | 7400 | 7700 | 7950 | 8250 | 8500 |
| LOWER DECILE | | | | | | 7000 | 7250 | 7400 | 7550 |
| MEAN | 7300 | 7600 | 7950 | 8300 | 8650 | 8950 | 9300 | 9600 | 9950 |
| TOTAL NUMBER | 203 | 180 | 287 | 240 | 277 | 259 | 302 | 415 | 460 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 167 | 104 | 93 | 100 | 80 | 44 | 46 | 48 | 40 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 11750 | 13450 | 14300 | 14700 | 14900 | 15100 | 15200 | 15300 | 15300 |
| UPPER QUARTILE | 11900 | 12600 | 13100 | 13450 | 13650 | 13750 | 13800 | 13850 | 13850 |
| MEDIAN | 10400 | 11250 | 11900 | 12250 | 12400 | 12350 | 12200 | 11900 | 11500 |
| LOWER QUARTILE | 9050 | 9400 | 10350 | 10750 | 10950 | 10950 | 10750 | 10350 | 9550 |
| LOWER DECILE | 7900 | 8400 | 9850 | 9150 | 9700 | 9350 | 9200 | 8850 | 7950 |
| MEAN | 10500 | 11250 | 11750 | 12100 | 12250 | 12300 | 12200 | 12050 | 11750 |
| TOTAL NUMBER | 1092 | 1264 | 1108 | 1102 | 776 | 612 | 493 | 440 | 949 |
| NUMBERS OVER $20000 | 0 | 0 | 2 | 4 | 7 | 6 | 7 | 11 | 19 |
| NUMBERS UNDER $ 7000 | 40 | 41 | 26 | 19 | 24 | 11 | 10 | 29 | 66 |

NUMBER OF TECHNICIANS COVERED - 10570

**LEGEND**

Upper Decile
Upper Quartile
Median
Lower Quartile
Lower Decile

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

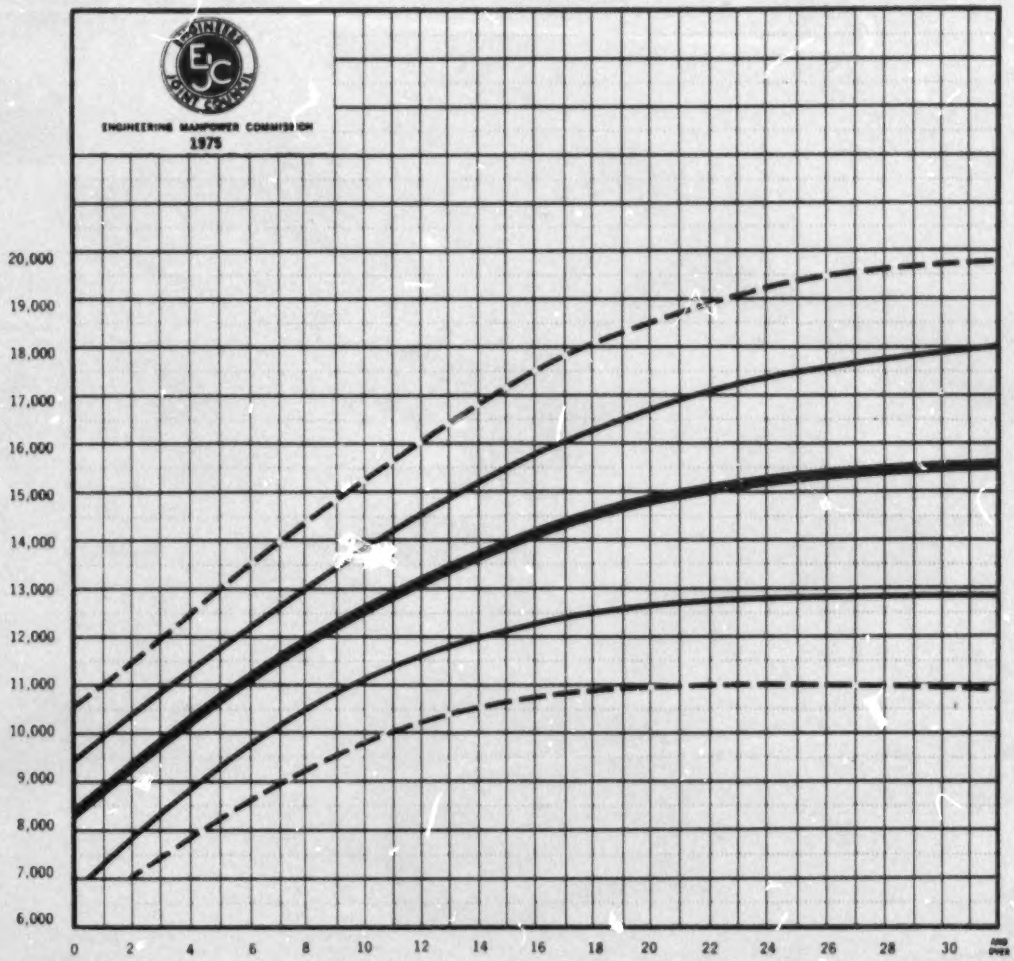


101

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

# LOCAL GOVERNMENT

## ALL TECHNICIANS




| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 10650 | 11100 | 11550 | 12000 | 12450 | 12950 | 13400 | 13850 | 14350 |
| UPPER QUARTILE | 9500 | 9950 | 10400 | 10850 | 11300 | 11750 | 12200 | 12600 | 13000 |
| MEDIAN | 8400 | 8950 | 9300 | 9750 | 10200 | 10600 | 11050 | 11400 | 11800 |
| LOWER QUARTILE | | 7750 | 7900 | 8400 | 8850 | 9300 | 9750 | 10150 | 10500 |
| LOWER DECILE | | | 7100 | 7500 | 7850 | 8250 | 8600 | 8900 | 9250 |
| MEAN | 8350 | 8850 | 9300 | 9750 | 10200 | 10650 | 11050 | 11450 | 11850 |
| TOTAL NUMBER | 20 | 19 | 19 | 38 | 49 | 74 | 57 | 46 | 63 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| NUMBERS UNDER $ 7000 | 9 | 1 | 0 | 1 | 0 | 11 | 0 | 0 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 15200 | 15650 | 17500 | 18350 | 18950 | 19350 | 19650 | 19700 | 19680 |
| UPPER QUARTILE | 13800 | 14850 | 15750 | 16650 | 17050 | 17450 | 17750 | 18000 | 18150 |
| MEDIAN | 12550 | 13400 | 14100 | 14550 | 14900 | 15150 | 15300 | 15400 | 15450 |
| LOWER QUARTILE | 11100 | 11750 | 12250 | 12500 | 12700 | 12800 | 12850 | 12850 | 12850 |
| LOWER DECILE | 9800 | 10400 | 10750 | 11950 | 11000 | 11000 | 10950 | 10900 | 10800 |
| MEAN | 12550 | 13400 | 14100 | 14550 | 14900 | 15150 | 15300 | 15400 | 15450 |
| TOTAL NUMBER | 154 | 97 | 121 | 115 | 102 | 117 | 111 | 144 | 143 |
| NUMBERS OVER $20000 | 0 | 2 | 2 | 5 | 5 | 8 | 9 | 13 | 9 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

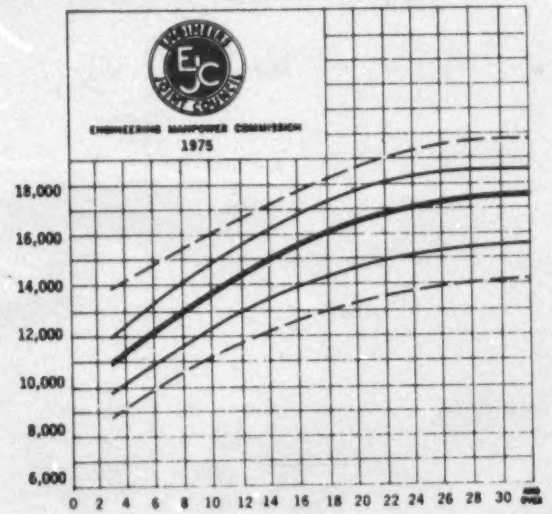
**LEGEND**

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

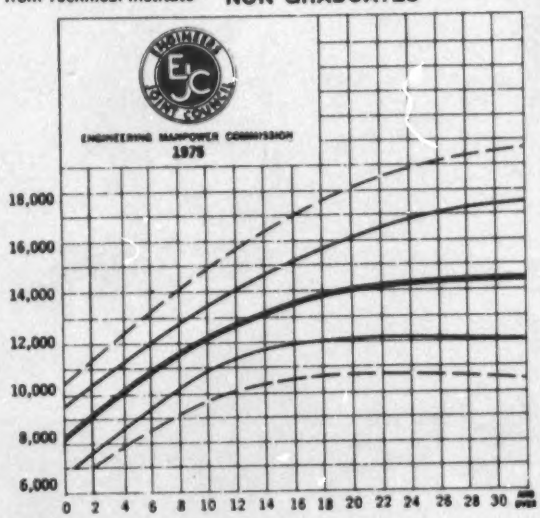
NUMBER OF TECHNICIANS COVERED - 1492

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent Years Since Graduation from Technical Institute* **2-YEAR GRADUATES**




Annual Salary by Equivalent Years Since Graduation from Technical Institute* **NON GRADUATES**




## 2-YEAR GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 0 | 0 | 0 | 13450 | 0 | 14450 | 14750 | 15050 | 15350 |
| UPPER QUARTILE | 0 | 0 | 0 | 11950 | 0 | 12800 | 13200 | 13600 | 14000 |
| MEDIAN | 0 | 0 | 0 | 10900 | 0 | 11700 | 12100 | 12500 | 12850 |
| LOWER QUARTILE | 0 | 0 | 0 | 9850 | 0 | 10600 | 10950 | 11300 | 11650 |
| LOWER DECILE | 0 | 0 | 0 | 8750 | 0 | 9450 | 9800 | 10150 | 10450 |
| MEAN | 0 | 0 | 0 | 11150 | 0 | 11850 | 12250 | 12600 | 12950 |
| TOTAL NUMBER | 0 | 0 | 4 | 5 | 4 | 7 | 10 | 7 | 7 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 16000 | 16900 | 17700 | 18450 | 19050 | 19500 | 19750 | 19900 | 19900 |
| UPPER QUARTILE | 14750 | 15450 | 16750 | 17500 | 18050 | 18400 | 18550 | 18550 | 18350 |
| MEDIAN | 13600 | 14650 | 15500 | 16250 | 16750 | 17150 | 17350 | 17450 | 17400 |
| LOWER QUARTILE | 12300 | 13200 | 13900 | 14500 | 14900 | 15200 | 15400 | 15600 | 15700 |
| LOWER DECILE | 11150 | 11900 | 12600 | 13100 | 13500 | 13800 | 14000 | 14150 | 14300 |
| MEAN | 13650 | 14550 | 15400 | 16050 | 16500 | 16850 | 17050 | 17100 | 17050 |
| TOTAL NUMBER | 25 | 20 | 27 | 32 | 23 | 30 | 32 | 29 | 41 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 2 | 1 | 2 | 4 | 2 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 303

## NON-GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 10550 | 11000 | 11450 | 11900 | 12300 | 12750 | 13200 | 13650 | 14050 |
| UPPER QUARTILE | 9400 | 10000 | 10400 | 10800 | 11200 | 11600 | 11950 | 12350 | 12700 |
| MEDIAN | 8150 | 8650 | 9150 | 9650 | 10100 | 10500 | 10900 | 11300 | 11650 |
| LOWER QUARTILE | | 7150 | 7650 | 8150 | 8600 | 9100 | 9500 | 9900 | 10300 |
| LOWER DECILE | | | 7100 | 7450 | 7800 | 8150 | 8500 | 8800 | 9100 |
| MEAN | 9250 | 9700 | 9200 | 9650 | 10050 | 10500 | 10900 | 11300 | 11650 |
| TOTAL NUMBER | 28 | 19 | 15 | 33 | 45 | 67 | 47 | 39 | 56 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| NUMBERS UNDER $ 7000 | 9 | 1 | 0 | 1 | 0 | 11 | 0 | 0 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 14450 | 14850 | 16950 | 17800 | 18450 | 19000 | 19400 | 19750 | 20000 |
| UPPER QUARTILE | 13400 | 14350 | 15200 | 15900 | 16450 | 16850 | 17200 | 17450 | 17650 |
| MEDIAN | 12250 | 13000 | 13500 | 13850 | 14100 | 14300 | 14350 | 14350 | 14350 |
| LOWER QUARTILE | 10900 | 11550 | 11900 | 12050 | 12100 | 12100 | 12050 | 12050 | 12000 |
| LOWER DECILE | 9650 | 10200 | 10550 | 10750 | 10750 | 10700 | 10650 | 10550 | 10450 |
| MEAN | 12300 | 13100 | 13700 | 14100 | 14400 | 14600 | 14750 | 14850 | 14850 |
| TOTAL NUMBER | 129 | 77 | 96 | 86 | 79 | 87 | 79 | 115 | 102 |
| NUMBERS OVER $20000 | 0 | 2 | 2 | 3 | 4 | 6 | 5 | 11 | 9 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 1159

**LEGEND**

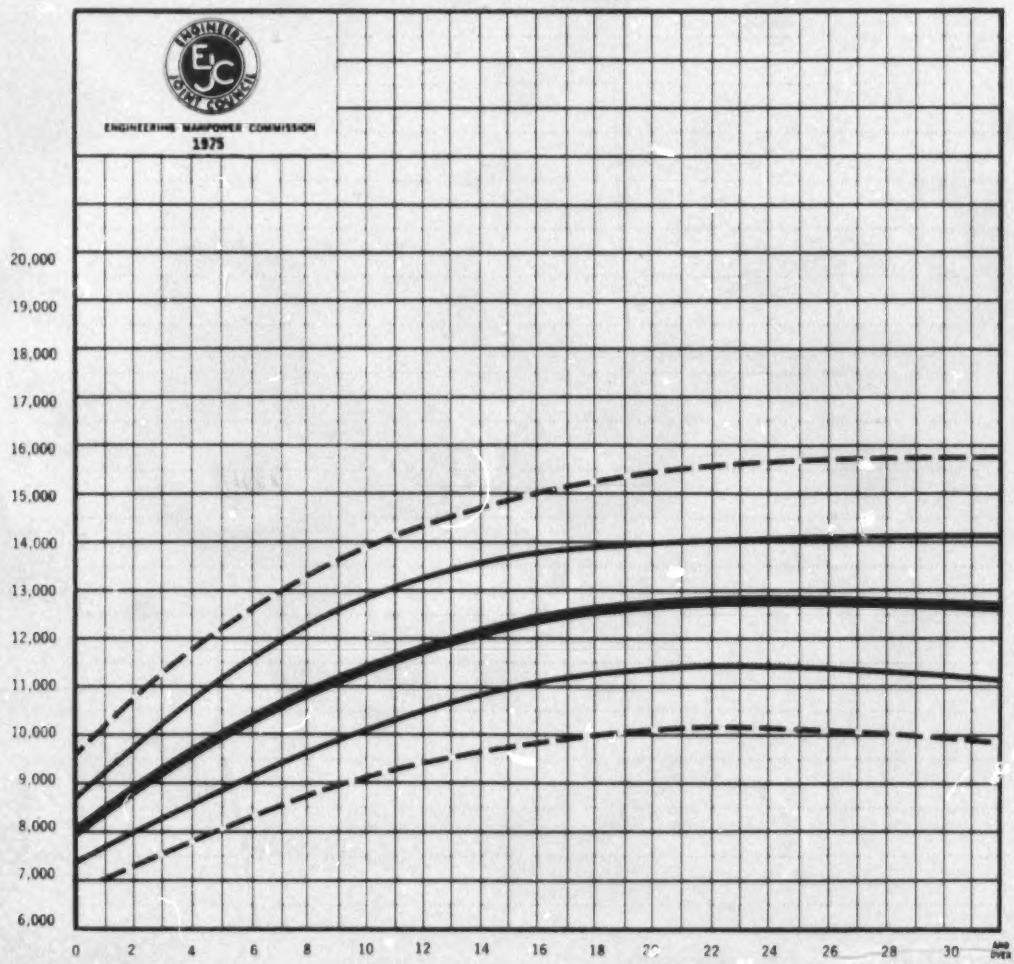
- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

# EDUCATION

## ALL TECHNICIANS




| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 9600 | 10150 | 10700 | 11250 | 11700 | 12150 | 12600 | 13000 | 13350 |
| UPPER QUARTILE | 8650 | 9150 | 9700 | 10200 | 10700 | 11150 | 11550 | 11950 | 12250 |
| MEDIAN | 8000 | 8400 | 8800 | 9150 | 9550 | 9900 | 10200 | 10550 | 10850 |
| LOWER QUARTILE | 7400 | 7700 | 7950 | 8250 | 8550 | 8850 | 9100 | 9350 | 9600 |
| LOWER DECILE | | 7050 | 7300 | 7550 | 7800 | 8000 | 8250 | 8450 | 8700 |
| MEAN | 8100 | 8500 | 8900 | 9253 | 9650 | 10000 | 10354 | 10650 | 10950 |
| TOTAL NUMBER | 9 | 11 | 18 | 26 | 26 | 37 | 14 | 38 | 30 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 |

**LEGEND**

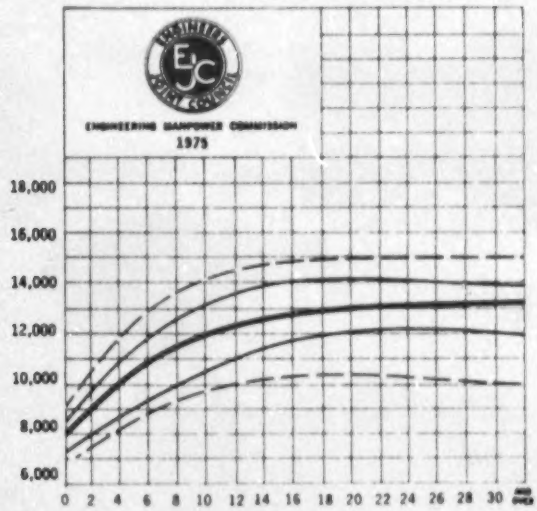
- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 13950 | 14600 | 15050 | 15350 | 15550 | 15650 | 15700 | 15750 | 15750 |
| UPPER QUARTILE | 12850 | 13400 | 13750 | 13950 | 14000 | 14050 | 14100 | 14100 | 14100 |
| MEDIAN | 11350 | 12000 | 12350 | 12600 | 12700 | 12700 | 12650 | 12600 | 12550 |
| LOWER QUARTILE | 10050 | 10650 | 11050 | 11300 | 11400 | 11400 | 11300 | 11150 | 13850 |
| LOWER DECILE | 9050 | 9550 | 9850 | 10050 | 10150 | 10100 | 10054 | 9850 | 9600 |
| MEAN | 11500 | 12100 | 12450 | 12700 | 12750 | 12800 | 12758 | 12750 | 12700 |
| TOTAL NUMBER | 79 | 91 | 98 | 85 | 106 | 90 | 93 | 174 | 274 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 2 | 2 |
| NUMBERS UNDER $ 7000 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 3 |

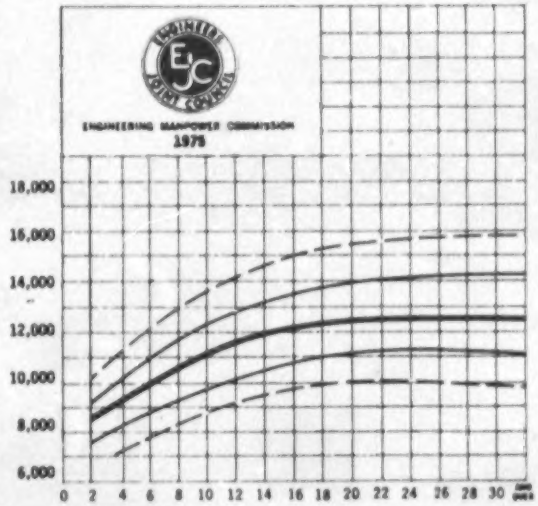
NUMBER OF TECHNICIANS COVERED - 1295

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent Years Since Graduation from Technical Institute* **2-YEAR GRADUATES**




Annual Salary by Equivalent Years Since Graduation from Technical Institute* **NON GRADUATES**




## 2-YEAR GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 9100 | 9900 | 10600 | 11250 | 11850 | 12350 | 12850 | 13250 | 13600 |
| UPPER QUARTILE | 8450 | 9200 | 9750 | 10300 | 10800 | 11300 | 11750 | 12150 | 12550 |
| MEDIAN | 7950 | 8600 | 9100 | 9600 | 10050 | 10450 | 10800 | 11150 | 11450 |
| LOWER QUARTILE | 7400 | 7950 | 8300 | 8750 | 9150 | 9500 | 9750 | 9950 | 9950 |
| LOWER DECILE | | 7150 | 7900 | 7850 | 8200 | 8500 | 8800 | 9100 | 9250 |
| MEAN | 8100 | 8550 | 9000 | 9450 | 9900 | 10300 | 10650 | 11050 | 11350 |
| TOTAL NUMBER | 5 | 8 | 12 | 19 | 17 | 21 | 7 | 20 | 12 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 1 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 14150 | 14500 | 14850 | 14900 | 14950 | 14950 | 14950 | 14950 | 14950 |
| UPPER QUARTILE | 13150 | 13750 | 14050 | 14100 | 14100 | 14000 | 13900 | 13850 | 13750 |
| MEDIAN | 11900 | 12400 | 12750 | 12900 | 13050 | 13100 | 13100 | 13100 | 13150 |
| LOWER QUARTILE | 10900 | 11200 | 11700 | 12000 | 12150 | 12150 | 12100 | 11950 | 11750 |
| LOWER DECILE | 9700 | 10150 | 10950 | 11350 | 11300 | 10700 | 10100 | 10000 | 9900 |
| MEAN | 11900 | 12400 | 12800 | 12950 | 12950 | 12950 | 12900 | 12850 | 12800 |
| TOTAL NUMBER | 37 | 38 | 39 | 27 | 31 | 25 | 17 | 34 | 36 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 434

## NON-GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 0 | 0 | 10200 | 10700 | 11250 | 11700 | 12150 | 12600 | 13000 |
| UPPER QUARTILE | 0 | 0 | 9200 | 9650 | 10100 | 10550 | 10950 | 11350 | 11700 |
| MEDIAN | 0 | 0 | 8400 | 8800 | 9200 | 9550 | 9900 | 10250 | 10550 |
| LOWER QUARTILE | 0 | 0 | 7600 | 7900 | 8200 | 8450 | 8750 | 9000 | 9250 |
| LOWER DECILE | 0 | 0 | | | 7200 | 7500 | 7750 | 8050 | 8300 |
| MEAN | 0 | 0 | 8350 | 8750 | 9150 | 9550 | 9950 | 10300 | 10650 |
| TOTAL NUMBER | 4 | 3 | 6 | 7 | 9 | 16 | 11 | 10 | 18 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 13650 | 14450 | 15000 | 15350 | 15600 | 15700 | 15800 | 15850 | 15900 |
| UPPER QUARTILE | 12300 | 13000 | 13500 | 13850 | 14050 | 14150 | 14250 | 14300 | 14300 |
| MEDIAN | 11100 | 11750 | 12150 | 12350 | 12450 | 12450 | 12450 | 12400 | 12300 |
| LOWER QUARTILE | 9700 | 10300 | 10750 | 11050 | 11200 | 11200 | 11150 | 11050 | 10800 |
| LOWER DECILE | 8800 | 9350 | 9750 | 9950 | 10050 | 10050 | 9950 | 9800 | 9650 |
| MEAN | 11200 | 11650 | 12300 | 12500 | 12650 | 12700 | 12700 | 12700 | 12700 |
| TOTAL NUMBER | 42 | 56 | 59 | 58 | 75 | 65 | 76 | 138 | 238 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 2 | 2 |
| NUMBERS UNDER $ 7000 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 3 |

NUMBER OF TECHNICIANS COVERED - 891

**LEGEND**

Upper Decile
Upper Quartile
Median
Lower Quartile
Lower Decile

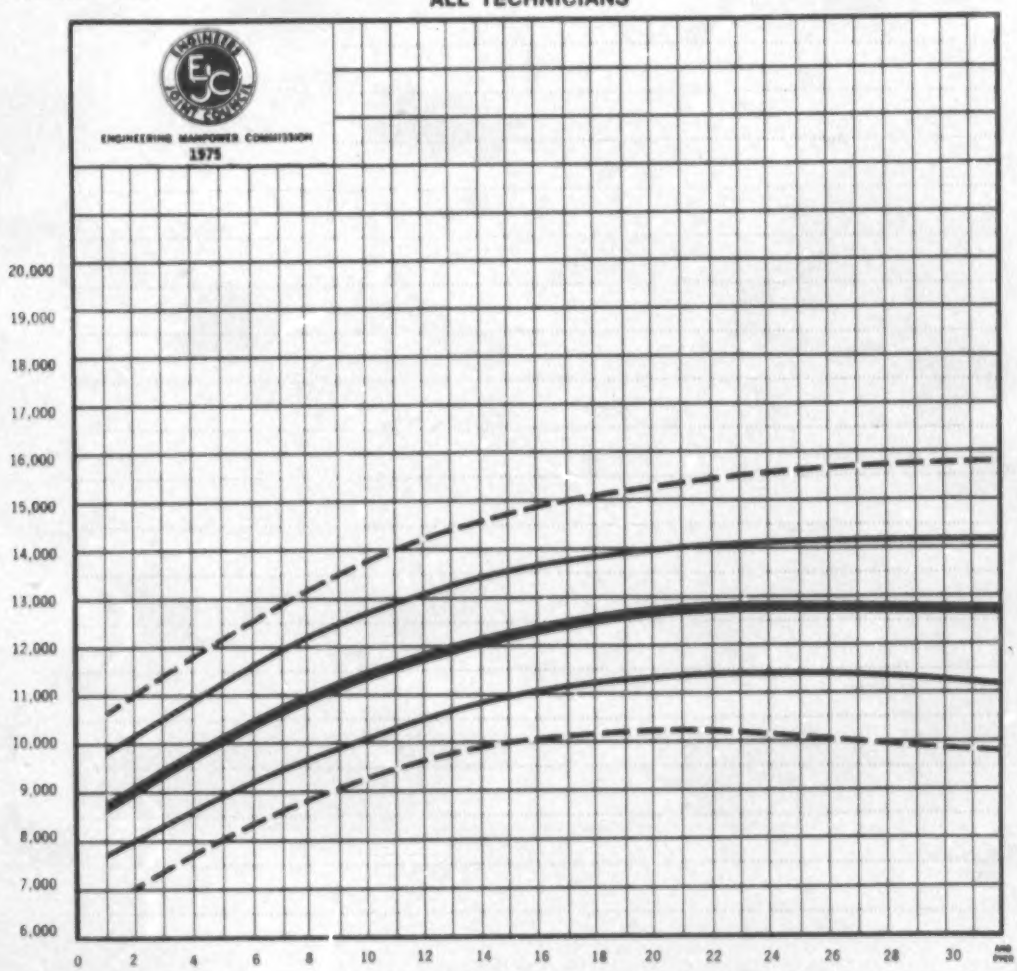
*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.


105

Annual Salary by Equiva...
Years Since Graduation
from Technical Institute*

# ENGINEERING SCHOOLS

## ALL TECHNICIANS




| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 0 | 10550 | 10950 | 11400 | 11800 | 12150 | 12500 | 12850 | 13150 |
| UPPER QUARTILE | 0 | 9850 | 10250 | 10600 | 10950 | 11300 | 11600 | 11900 | 12200 |
| MEDIAN | 0 | 8750 | 9100 | 9400 | 9750 | 10050 | 10350 | 10600 | 10900 |
| LOWER QUARTILE | 0 | 7750 | 8050 | 8300 | 8600 | 8850 | 9100 | 9350 | 9600 |
| LOWER DECILE | 0 | | 7000 | 7300 | 7650 | 7950 | 8250 | 8550 | 8800 |
| MEAN | 0 | 9700 | 9050 | 9400 | 9750 | 10050 | 10350 | 10650 | 10950 |
| TOTAL NUMBER | 4 | 6 | 8 | 12 | 13 | 25 | 12 | 24 | 22 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 13700 | 14400 | 14850 | 15200 | 15450 | 15600 | 15700 | 15800 | 15850 |
| UPPER QUARTILE | 12700 | 13300 | 13650 | 13900 | 14050 | 14100 | 14100 | 14100 | 14100 |
| MEDIAN | 11400 | 11950 | 12350 | 12600 | 12750 | 12750 | 12700 | 12650 | 12500 |
| LOWER QUARTILE | 10050 | 10600 | 11050 | 11300 | 11400 | 11400 | 11350 | 11150 | 10850 |
| LOWER DECILE | 9250 | 9750 | 10050 | 10150 | 10150 | 10050 | 9950 | 9800 | 9600 |
| MEAN | 11450 | 12050 | 12450 | 12700 | 12800 | 12850 | 12800 | 12750 | 12650 |
| TOTAL NUMBER | 63 | 76 | 85 | 77 | 98 | 80 | 87 | 162 | 249 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 2 | 2 |
| NUMBERS UNDER $ 7000 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 3 |

**LEGEND**

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

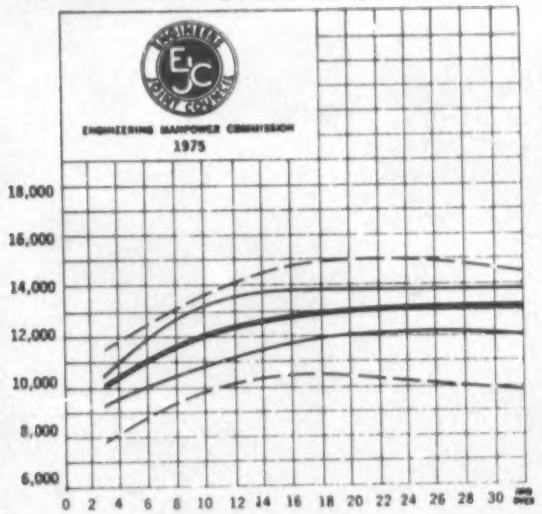
NUMBER OF TECHNICIANS COVERED - 1103

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

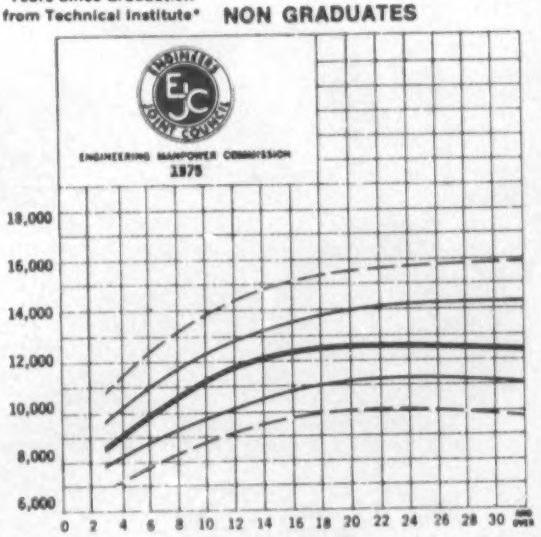


106

Annual Salary by Equivalent Years Since Graduation from Technical Institute* **2-YEAR GRADUATES**




Annual Salary by Equivalent Years Since Graduation from Technical Institute* **NON GRADUATES**




## 2-YEAR GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 0 | 0 | 0 | 11500 | 11950 | 12150 | 0 | 12800 | 13100 |
| UPPER QUARTILE | 0 | 0 | 0 | 10400 | 11000 | 11550 | 0 | 12400 | 12700 |
| MEDIAN | 0 | 0 | 0 | 10050 | 10450 | 10800 | 0 | 11400 | 11650 |
| LOWER QUARTILE | 0 | 0 | 0 | 9350 | 9550 | 9850 | 0 | 10200 | 10400 |
| LOWER DECILE | 0 | 0 | 0 | 7700 | 9100 | 8450 | 0 | 9100 | 9400 |
| MEAN | 0 | 0 | 0 | 9850 | 10200 | 10550 | 0 | 11150 | 11400 |
| TOTAL NUMBER | 2 | 4 | 4 | 7 | 6 | 12 | 2 | 14 | 6 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 13600 | 14350 | 14700 | 14900 | 15000 | 14900 | 14750 | 14400 | 13950 |
| UPPER QUARTILE | 13200 | 13600 | 13750 | 13750 | 13750 | 13750 | 13750 | 13750 | 13750 |
| MEDIAN | 12650 | 12950 | 13250 | 13000 | 13000 | 13050 | 13100 | 13150 | 13100 |
| LOWER QUARTILE | 12150 | 11750 | 11650 | 11900 | 12100 | 12150 | 12150 | 12000 | 11650 |
| LOWER DECILE | 9450 | 10750 | 10400 | 10350 | 10250 | 10150 | 10000 | 9900 | 9850 |
| MEAN | 11900 | 12410 | 12750 | 12900 | 12950 | 12900 | 12800 | 12700 | 12600 |
| TOTAL NUMBER | 27 | 26 | 28 | 27 | 29 | 20 | 17 | 32 | 35 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 293

## NON-GRADUATES

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 0 | 0 | 0 | 10800 | 11350 | 11550 | 12300 | 12700 | 13100 |
| UPPER QUARTILE | 0 | 0 | 0 | 9700 | 10150 | 10550 | 11000 | 11350 | 11700 |
| MEDIAN | 0 | 0 | 0 | 8550 | 9000 | 9450 | 9850 | 10250 | 10600 |
| LOWER QUARTILE | 0 | 0 | 0 | 7850 | 8150 | 8450 | 8750 | 8950 | 9250 |
| LOWER DECILE | 0 | 0 | 0 | | 7650 | 7400 | 7700 | 7950 | 8250 |
| MEAN | 0 | 0 | 0 | 8700 | 9100 | 9500 | 9900 | 10250 | 10600 |
| TOTAL NUMBER | 2 | 2 | 4 | 5 | 7 | 13 | 10 | 10 | 16 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 13800 | 14550 | 15100 | 15450 | 15650 | 15800 | 15850 | 15900 | 15950 |
| UPPER QUARTILE | 12300 | 13650 | 13550 | 13850 | 14100 | 14200 | 14300 | 14350 | 14350 |
| MEDIAN | 11200 | 11850 | 12250 | 12400 | 12450 | 12450 | 12400 | 12350 | 12300 |
| LOWER QUARTILE | 9700 | 10350 | 10600 | 11100 | 11250 | 11250 | 11200 | 11050 | 10800 |
| LOWER DECILE | 8750 | 9400 | 9800 | 10050 | 10100 | 10050 | 9950 | 9800 | 9600 |
| MEAN | 11200 | 11900 | 12350 | 12640 | 12750 | 12750 | 12750 | 12700 | 12650 |
| TOTAL NUMBER | 36 | 50 | 57 | 54 | 70 | 60 | 73 | 130 | 214 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 2 | 2 |
| NUMBERS UNDER $ 7000 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 3 |

NUMBER OF TECHNICIANS COVERED - 810

**LEGEND**

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

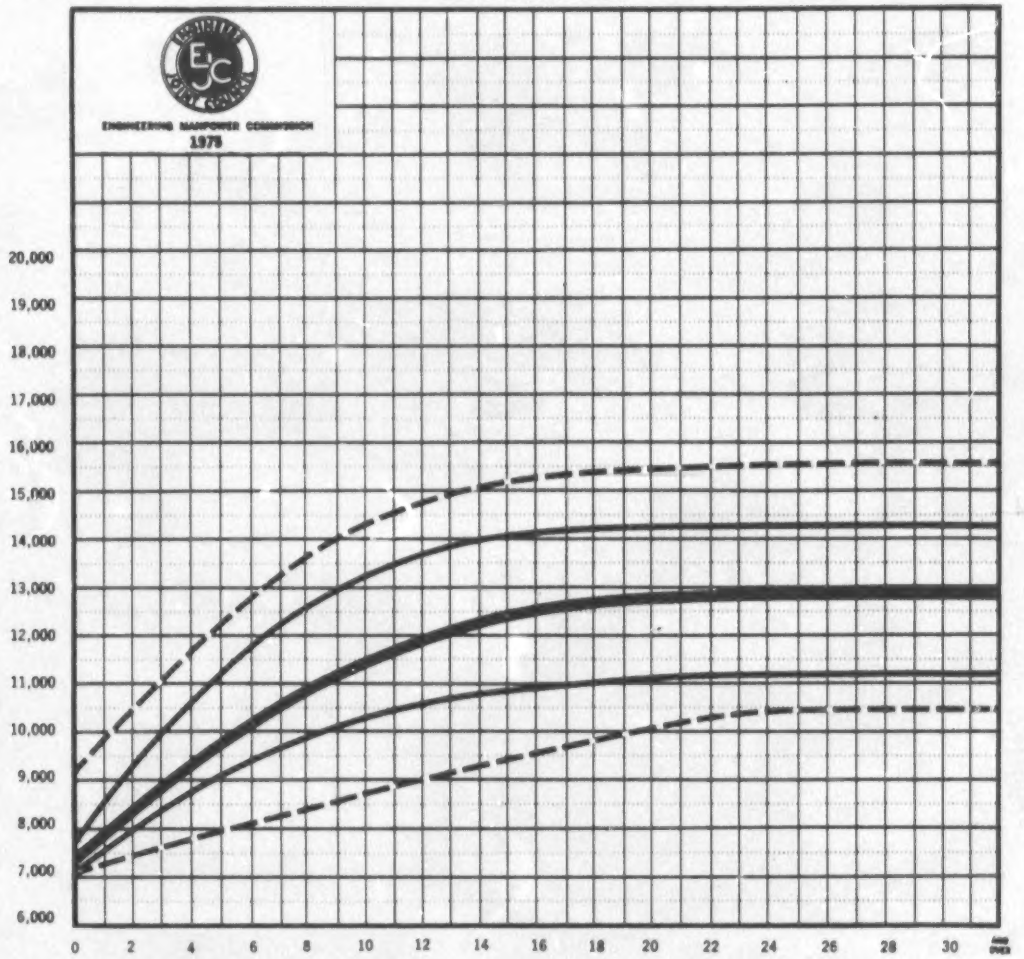
*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.


107

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

# TECHNICIAN SCHOOLS

## ALL TECHNICIANS




| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 9100 | 9400 | 10500 | 11150 | 11750 | 12350 | 12850 | 13300 | 13700 |
| UPPER QUARTILE | 7750 | 8500 | 9200 | 9900 | 10550 | 11150 | 11700 | 12200 | 12600 |
| MEDIAN | 7450 | 7900 | 8400 | 8850 | 9300 | 9700 | 10150 | 10500 | 10850 |
| LOWER QUARTILE | 7150 | 7500 | 7950 | 8350 | 8700 | 9050 | 9350 | 9600 | 9850 |
| LOWER DECILE | 7200 | 7350 | 7500 | 7650 | 7800 | 7950 | 8100 | 8250 | 8400 |
| MEAN | 7650 | 8200 | 9100 | 9200 | 9650 | 10050 | 10450 | 10750 | 11050 |
| TOTAL NUMBER | 5 | 5 | 10 | 14 | 13 | 12 | 6 | 6 | 8 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 14350 | 15100 | 15300 | 15450 | 15500 | 15550 | 15550 | 15550 | 15550 |
| UPPER QUARTILE | 13250 | 13850 | 14100 | 14200 | 14250 | 14250 | 14250 | 14250 | 14200 |
| MEDIAN | 11450 | 12150 | 12550 | 12750 | 12850 | 12850 | 12850 | 12850 | 12800 |
| LOWER QUARTILE | 10250 | 10650 | 10900 | 11000 | 11100 | 11100 | 11150 | 11150 | 11150 |
| LOWER DECILE | 9700 | 9150 | 9550 | 9900 | 10150 | 10350 | 10450 | 10450 | 10000 |
| MEAN | 11550 | 12150 | 12400 | 12550 | 12700 | 12750 | 12750 | 12800 | 12780 |
| TOTAL NUMBER | 16 | 15 | 13 | 8 | 8 | 10 | 6 | 12 | 25 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 192

**LEGEND**

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

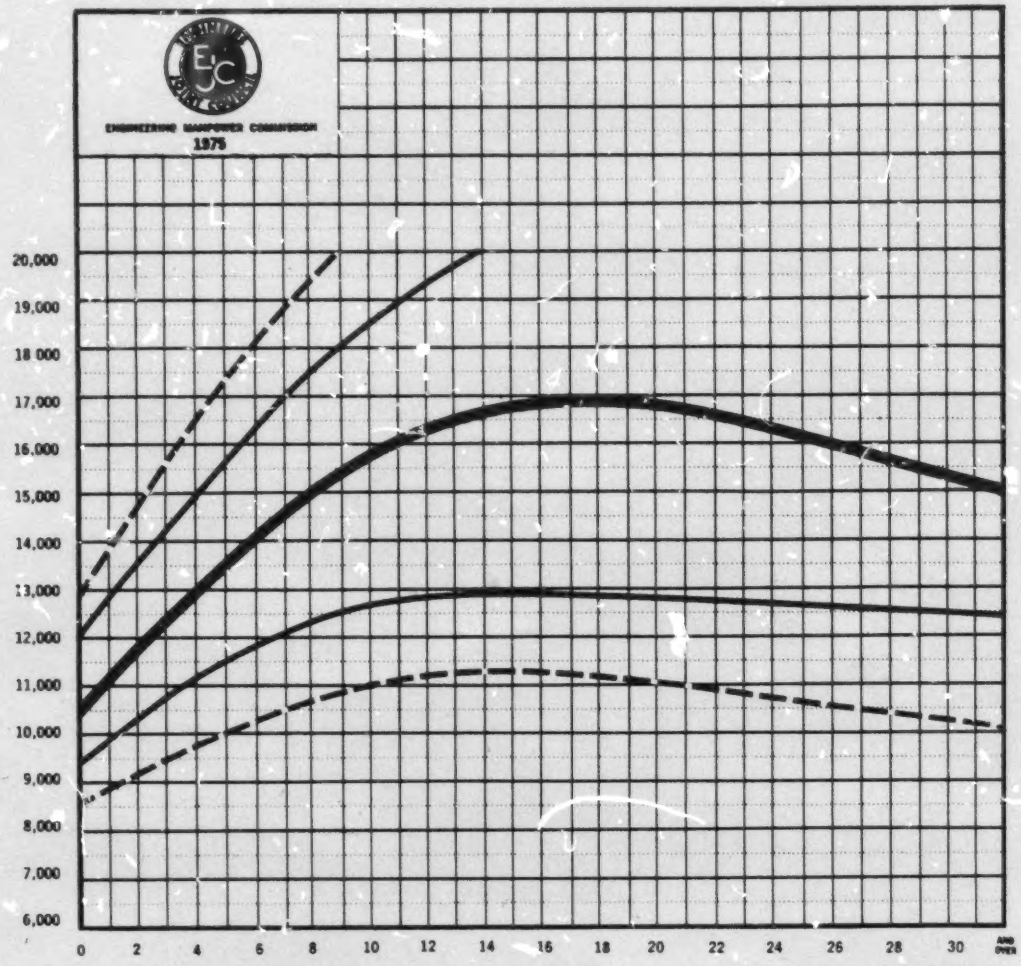
*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.



108

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

# WEIGHTED NATIONAL AVERAGE
# BACHELOR OF TECHNOLOGY GRADUATES




| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 12950 | 13900 | 14850 | 15750 | 16600 | 17400 | 18200 | 18850 | 19400 |
| UPPER QUARTILE | 12450 | 12800 | 13500 | 14250 | 14900 | 15600 | 16300 | 16900 | 17500 |
| MEDIAN | 10500 | 11100 | 11700 | 12300 | 12850 | 13450 | 13950 | 14500 | 14950 |
| LOWER QUARTILE | 9450 | 9950 | 10400 | 10950 | 11250 | 11600 | 11900 | 12150 | 12350 |
| LOWER DECILE | 8600 | 8950 | 9250 | 9550 | 9850 | 10100 | 10350 | 10550 | 10750 |
| MEAN | 10750 | 11350 | 11950 | 12550 | 13100 | 13600 | 14100 | 14500 | 14900 |
| TOTAL NUMBER | 437 | 930 | 939 | 1556 | 933 | 932 | 749 | 631 | 789 |
| NUMBERS OVER $20000 | 0 | 7 | 0 | 14 | 0 | 7 | 5 | 43 | 16 |
| NUMBERS UNDER $ 7000 | 5 | 1 | 4 | 0 | 1 | 1 | 1 | 1 | 1 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | | | | | | | | | |
| UPPER QUARTILE | 18500 | 19600 | | | | | | | |
| MEDIAN | 15750 | 16600 | 16950 | 16900 | 16600 | 16150 | 15600 | 15000 | 14300 |
| LOWER QUARTILE | 12650 | 12900 | 12900 | 12850 | 12700 | 12600 | 12500 | 12400 | 12350 |
| LOWER DECILE | 11000 | 11250 | 11250 | 11100 | 10900 | 10650 | 10400 | 10100 | 9800 |
| MEAN | 15550 | 16200 | 16450 | 16400 | 16250 | 16000 | 15750 | 15500 | 15250 |
| TOTAL NUMBER | 1281 | 777 | 649 | 565 | 493 | 390 | 196 | 396 | 399 |
| NUMBERS OVER $20000 | 148 | 105 | 125 | 212 | 141 | 127 | 67 | 109 | 73 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

**LEGEND**

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

NUMBER OF TECHNICIANS COVERED - 13102

Unweighted total - 2,398

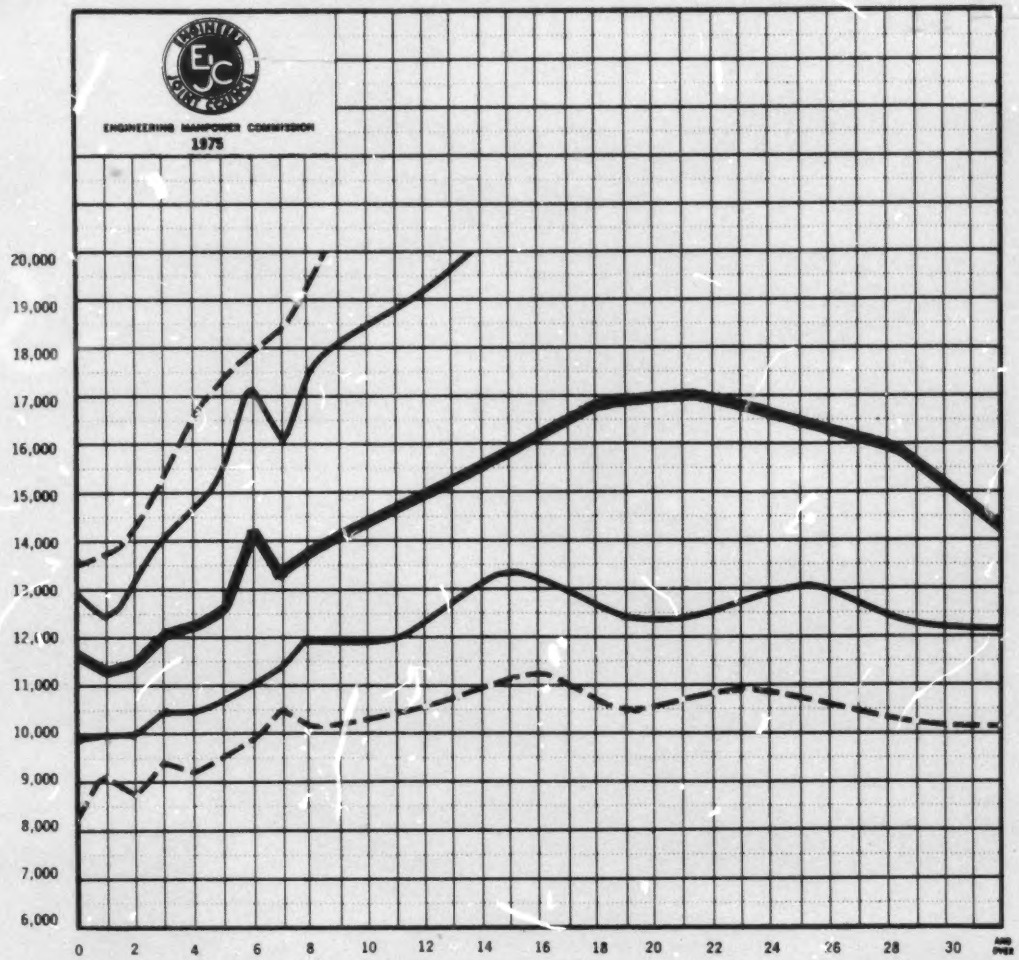
*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.


109

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

# ALL RESPONDENTS

## BACHELOR OF TECHNOLOGY GRADUATES




## RAW DATA

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 13650 | 13450 | 14450 | 15400 | 16550 | 17350 | 18000 | 18700 | 19250 |
| UPPER QUARTILE | 12850 | 12450 | 13250 | 14150 | 14550 | 15500 | 17150 | 16000 | 17300 |
| MEDIAN | 11550 | 11200 | 11450 | 12150 | 12250 | 12600 | 14200 | 13150 | 13850 |
| LOWER QUARTILE | 9850 | 10100 | 9950 | 10500 | 10450 | 10750 | 11100 | 11250 | 11900 |
| LOWER DECILE | 8100 | 9200 | 8750 | 9400 | 9250 | 9550 | 9700 | 10500 | 10200 |
| MEAN | 11150 | 11450 | 11600 | 12300 | 12600 | 13000 | 14000 | 13800 | 14400 |
| TOTAL NUMBER | 91 | 193 | 205 | 182 | 171 | 161 | 157 | 101 | 112 |
| NUMBERS OVER $20000 | 0 | 1 | 0 | 1 | 0 | 1 | 7 | 4 | 5 |
| NUMBERS UNDER $ 7000 | 5 | 1 | 4 | 0 | 1 | 1 | 1 | 1 | 1 |

**LEGEND**

Upper Decile
Upper Quartile
Median
Lower Quartile
Lower Decile

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | | | | | | | | | |
| UPPER QUARTILE | 18450 | 19700 | | | | | | | 19150 |
| MEDIAN | 14350 | 15150 | 16100 | 17000 | 17000 | 16350 | 16000 | 14300 | 13450 |
| LOWER QUARTILE | 11700 | 12700 | 13400 | 12400 | 12450 | 13050 | 12400 | 12200 | 11700 |
| LOWER DECILE | 10350 | 10750 | 11250 | 10400 | 10950 | 10700 | 11400 | 10100 | 10550 |
| MEAN | 14950 | 15800 | 16200 | 16350 | 16250 | 16250 | 16100 | 15200 | 15050 |
| TOTAL NUMBER | 224 | 144 | 108 | 92 | 124 | 98 | 64 | 82 | 87 |
| NUMBERS OVER $20000 | 32 | 28 | 28 | 39 | 44 | 35 | 21 | 20 | 19 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

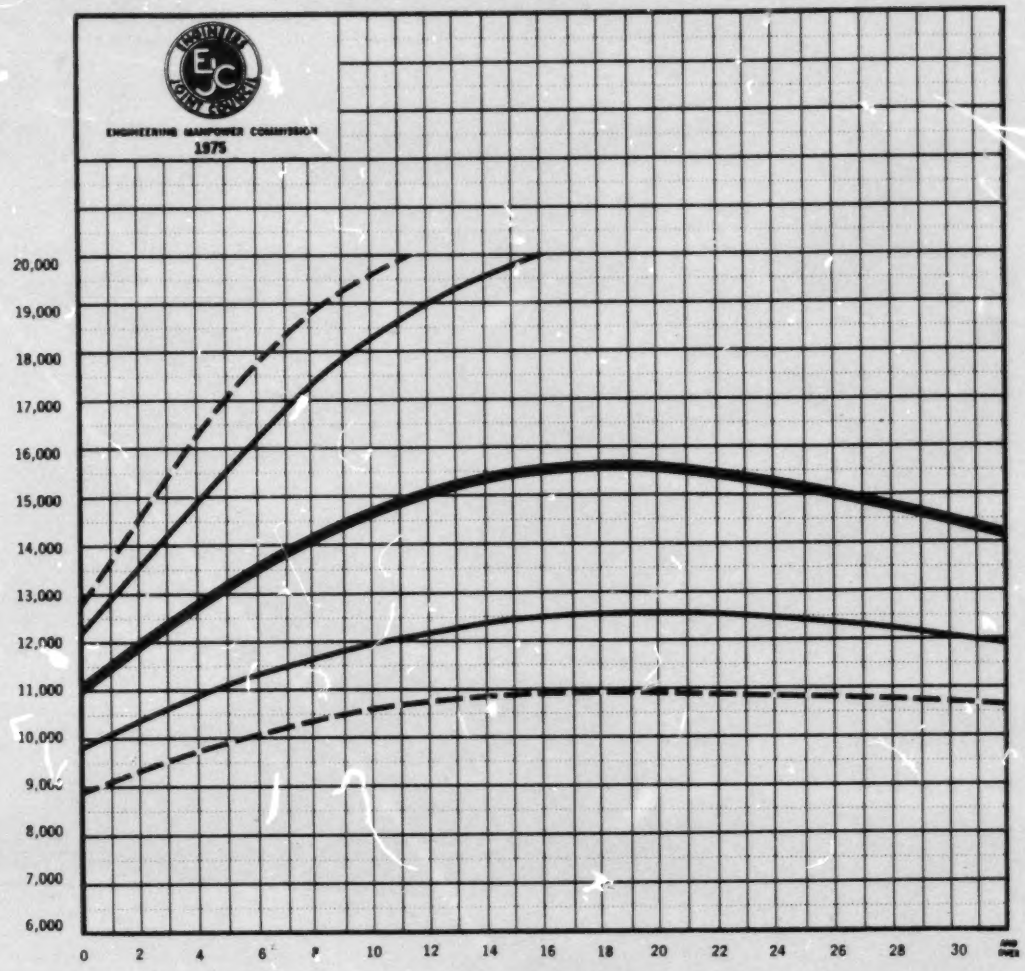
NUMBER OF TECHNICIANS COVERED - 2398

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

# ALL INDUSTRY

## BACHELOR OF TECHNOLOGY GRADUATES




| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 12850 | 13750 | 14700 | 15550 | 16350 | 17100 | 17850 | 18450 | 18950 |
| UPPER QUARTILE | 12100 | 12800 | 13500 | 14150 | 14850 | 15500 | 16100 | 16700 | 17250 |
| MEDIAN | 11050 | 11540 | 11901 | 12300 | 12700 | 13050 | 13400 | 13750 | 14050 |
| LOWER QUARTILE | 9850 | 10100 | 10350 | 10600 | 10850 | 11050 | 11250 | 11450 | 11600 |
| LOWER DECILE | 8950 | 9200 | 9400 | 9600 | 9750 | 9950 | 10100 | 10250 | 10350 |
| MEAN | 11050 | 11500 | 12000 | 12450 | 12900 | 13300 | 13700 | 14050 | 14400 |
| TOTAL NUMBER | 72 | 165 | 169 | 144 | 135 | 122 | 112 | 83 | 94 |
| NUMBERS OVER $20000 | 0 | 1 | 0 | 0 | 0 | 1 | 2 | 4 | 2 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

**LEGEND**

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 19850 | | | | | | | | |
| UPPER QUARTILE | 18250 | 19350 | 20000 | | | | | | |
| MEDIAN | 14600 | 15200 | 15540 | 15550 | 15400 | 15100 | 14750 | 14200 | 13450 |
| LOWER QUARTILE | 11950 | 12300 | 12500 | 12550 | 12550 | 12400 | 12250 | 11950 | 11500 |
| LOWER DECILE | 10600 | 10800 | 10950 | 10950 | 10950 | 10850 | 10750 | 10600 | 10400 |
| MEAN | 15000 | 15450 | 16000 | 16100 | 16000 | 15750 | 15500 | 15150 | 14700 |
| TOTAL NUMBER | 184 | 107 | 75 | 63 | 77 | 57 | 42 | 55 | 55 |
| NUMBERS OVER $20000 | 26 | 18 | 21 | 23 | 22 | 12 | 10 | 12 | 14 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED = 1812

*Base year (0 years since graduation) is 1975. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.



111

# BACHELOR OF TECHNOLOGY GRADUATES
# RAW DATA TABLES

## ALL MFG INDUSTRY BACH

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 13704 | 13650 | 13950 | 15400 | 15350 | 14900 | 16500 | 18550 | 19350 |
| UPPER QUARTILE | 12500 | 12750 | 13000 | 14300 | 13600 | 12650 | 14400 | 16600 | 17150 |
| MEDIAN | 12100 | 11700 | 11100 | 11500 | 11750 | 11800 | 11700 | 12200 | 13000 |
| LOWER QUARTILE | 10300 | 10150 | 9750 | 10200 | 10700 | 10500 | 10700 | 10900 | 11400 |
| LOWER DECILE | 9200 | 9000 | 8950 | 9350 | 9600 | 9650 | 9850 | 10150 | 9900 |
| MEAN | 11750 | 11650 | 11450 | 12150 | 12070 | 11700 | 12600 | 13500 | 13850 |
| TOTAL NUMBER | 33 | 81 | 96 | 86 | 71 | 52 | 50 | 49 | 56 |
| NUMBERS OVER $20000 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 3 | 1 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | | | | | | | | 19750 | |
| UPPER QUARTILE | 18650 | 19500 | | | 19000 | 16400 | 17450 | 15250 | 15750 |
| MEDIAN | 13450 | 14500 | 16200 | 14000 | 12900 | 13300 | 12450 | 12500 | 13050 |
| LOWER QUARTILE | 11550 | 12000 | 13400 | 12900 | 11750 | 11600 | 11750 | 11550 | 11250 |
| LOWER DECILE | 10200 | 9950 | 11500 | 9700 | 10650 | 10250 | 10600 | 9950 | 10500 |
| MEAN | 14850 | 15550 | 15300 | 14950 | 14500 | 14250 | 14600 | 13600 | 13950 |
| TOTAL NUMBER | 121 | 76 | 50 | 44 | 45 | 39 | 32 | 24 | 40 |
| NUMBERS OVER $20000 | 18 | 7 | 14 | 14 | 10 | 5 | 7 | 3 | 5 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 1062

## ALL MECHANICAL PROD BACH

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 13850 | 14900 | 15500 | 16650 | 15803 | 16100 | 19100 | 19300 | 18800 |
| UPPER QUARTILE | 13400 | 13200 | 14450 | 14500 | 13259 | 13400 | 13970 | 17550 | 17600 |
| MEDIAN | 12000 | 12000 | 12950 | 12500 | 11900 | 11750 | 12250 | 16250 | 16500 |
| LOWER QUARTILE | 10750 | 10300 | 11400 | 10750 | 11450 | 10960 | 10550 | 13200 | 13200 |
| LOWER DECILE | 10000 | 10350 | 12250 | 9500 | 11500 | 10650 | 9750 | 11350 | 12300 |
| MEAN | 12000 | 12610 | 13350 | 12750 | 12850 | 12400 | 12900 | 15500 | 15650 |
| TOTAL NUMBER | 18 | 22 | 16 | 20 | 24 | 9 | 9 | 17 | 21 |
| NUMBERS OVER $20000 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | | 19950 | | | | | | | |
| UPPER QUARTILE | | 19700 | | | | | | 19500 | 18500 |
| MEDIAN | 18550 | 19350 | | 17000 | | 16500 | | 16000 | 15500 |
| LOWER QUARTILE | 16500 | 14450 | 16000 | 14000 | 16750 | 13750 | 17750 | 14250 | 13250 |
| LOWER DECILE | 13000 | 12450 | 14000 | 12650 | 12850 | 13000 | 10350 | 9800 | 11250 |
| MEAN | 17750 | 17700 | 15350 | 17400 | 19250 | 16990 | 18600 | 16000 | 16000 |
| TOTAL NUMBER | 56 | 41 | 20 | 20 | 11 | 10 | 7 | 6 | 6 |
| NUMBERS OVER $20000 | 15 | 7 | 11 | 10 | 6 | 3 | 5 | 1 | 1 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 318

## ELEC + ELEX BACH MID

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 13550 | 12900 | 13600 | 15250 | 13550 | 16250 | 17050 | 14850 | 18300 |
| UPPER QUARTILE | 12900 | 12150 | 13100 | 14500 | 12900 | 13300 | 15100 | 11900 | 12950 |
| MEDIAN | 11950 | 10650 | 11700 | 11950 | 11440 | 11150 | 12600 | 11000 | 11750 |
| LOWER QUARTILE | 10100 | 9450 | 10150 | 10300 | 10150 | 10500 | 10450 | 10550 | 10750 |
| LOWER DECILE | 9200 | 8950 | 9150 | 9400 | 9200 | 9500 | 10150 | 9950 | 9350 |
| MEAN | 11550 | 10900 | 11600 | 12350 | 11500 | 12000 | 13050 | 11600 | 12450 |
| TOTAL NUMBER | 97 | 92 | 106 | 96 | 56 | 51 | 57 | 26 | 34 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 14050 | | | | | 14450 | 17550 | 13600 | 14100 |
| UPPER QUARTILE | 14550 | 15000 | 16850 | 14900 | 14450 | 14550 | 14450 | 12750 | 13150 |
| MEDIAN | 11900 | 12500 | 15150 | 12250 | 12750 | 12650 | 12600 | 12100 | 11850 |
| LOWER QUARTILE | 10930 | 10750 | 13050 | 11450 | 11650 | 10850 | 11650 | 10850 | 10900 |
| LOWER DECILE | 9850 | 9500 | 11350 | 9300 | 10700 | 9950 | 10450 | 9700 | 10200 |
| MEAN | 13050 | 13350 | 15200 | 13600 | 13550 | 12550 | 13450 | 11850 | 12100 |
| TOTAL NUMBER | 79 | 40 | 37 | 27 | 37 | 28 | 29 | 28 | 28 |
| NUMBERS OVER $20000 | 6 | 6 | 4 | 6 | 4 | 0 | 2 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 866 Unweighted total - 638

# BACHELOR OF TECHNOLOGY GRADUATES
# RAW DATA TABLES

## ALL NONMFG INDUSTRY BACH

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 14000 | 13100 | 14450 | 15350 | 17150 | 17400 | 19200 | 18600 | 19550 |
| UPPER QUARTILE | 13150 | 12350 | 13550 | 14150 | 15400 | 16650 | 17650 | 16[illegible]7 | 18150 |
| MEDIAN | 11800 | 11450 | 12000 | 12700 | 13500 | 13900 | 15530 | 14800 | 14500 |
| LOWER QUARTILE | 10900 | 10200 | 10550 | 11650 | 11250 | 11650 | 12650 | 12600 | 12950 |
| LOWER DECILE | 9450 | 9600 | 9400 | 10500 | 9800 | 10500 | 9900 | 11100 | 11950 |
| MEAN | 11800 | 11450 | 12000 | 12800 | 13350 | 14200 | 15150 | 14650 | 15420 |
| TOTAL NUMBER | 39 | 84 | 74 | 68 | 6[illegible] | 70 | 62 | 34 | 38 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 1 | [illegible] | 1 | 2 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 1 | 0 | [illegible] | 0 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | | | | | | | | | |
| UPPER QUARTILE | 18200 | | | | | | | | |
| MEDIAN | 15950 | 16650 | 16150 | 18500 | 19150 | 19000 | 18000 | | |
| LOWER QUARTILE | 13000 | 13950 | 14800 | 15900 | 15650 | 16500 | 14250 | 14300 | 17750 |
| LOWER DECILE | 12150 | 13050 | 14100 | 14950 | 13650 | 10400 | 11750 | 11350 | 14750 |
| MEAN | 15900 | 16900 | 16900 | 17950 | 17900 | 17600 | 17350 | 17650 | 18750 |
| TOTAL NUMBER | 44 | 31 | 25 | 19 | 29 | 18 | 10 | 17 | 15 |
| NUMBERS OVER $20000 | 8 | 9 | 7 | 9 | 12 | 7 | 3 | 8 | 9 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 750

## CONSTR + CONSULT BACH

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 14250 | 13150 | 14430 | 16050 | 16950 | 17850 | 14200 | 18800 | 19800 |
| UPPER QUARTILE | 13750 | 12400 | 13400 | 14700 | 15450 | 16490 | 17590 | 15000 | 18850 |
| MEDIAN | 13100 | 11450 | 12150 | 12200 | 12100 | 13000 | 15000 | 14000 | 16000 |
| LOWER QUARTILE | 10750 | 9900 | 10100 | 10700 | 10600 | 11200 | 10900 | 11250 | 12900 |
| LOWER DECILE | 8500 | 9350 | 9800 | 9750 | 9650 | 9850 | 9700 | 10600 | 12200 |
| MEAN | 12050 | 11350 | 11750 | 12600 | 12800 | 13700 | 14350 | 13850 | 16050 |
| TOTAL NUMBER | 20 | 47 | 50 | 29 | 31 | 34 | 26 | 12 | 14 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | | | | | | | | | |
| UPPER QUARTILE | 19250 | | | | | | | | |
| MEDIAN | 17150 | 16500 | 15900 | 18500 | 18000 | 18500 | 20000 | | |
| LOWER QUARTILE | 12900 | 13750 | 14450 | 16250 | 15000 | 17250 | 16250 | 20000 | 18150 |
| LOWER DECILE | 12550 | 12700 | 13000 | 10450 | 13000 | 16000 | 13400 | 9400 | 14650 |
| MEAN | 16300 | 16650 | 16750 | 17800 | 17400 | 17850 | 18800 | 17950 | 18750 |
| TOTAL NUMBER | 27 | 18 | 19 | 9 | 20 | 10 | 6 | 8 | 13 |
| NUMBERS OVER $20000 | 6 | 5 | 5 | 4 | 7 | 4 | 3 | 5 | 8 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 197

## R+D ALL SECTORS BACH

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 13800 | 13050 | 13900 | 15000 | 13450 | 16900 | 15850 | | 18400 |
| UPPER QUARTILE | 13150 | 11050 | 13300 | 14450 | 13150 | 15250 | 15150 | 17900 | 16500 |
| MEDIAN | 12000 | 10550 | 12550 | 13000 | 12500 | 13400 | 13500 | 12500 | 15000 |
| LOWER QUARTILE | 10250 | 10200 | 10650 | 10700 | 11500 | 10950 | 10750 | 11750 | 11400 |
| LOWER DECILE | 9630 | 9950 | 9650 | 9650 | 10100 | 10550 | 9700 | 11300 | 11150 |
| MEAN | 11900 | 10900 | 12100 | 12500 | 12200 | 13450 | 12850 | 13550 | 14150 |
| TOTAL NUMBER | 14 | 19 | 36 | 42 | 12 | 11 | 14 | 6 | 6 |
| NUMBERS OVER $20000 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 17100 | 15700 | 18500 | 0 | 0 | 0 | 0 | 0 | 0 |
| UPPER QUARTILE | 14900 | 14150 | 16750 | 0 | 0 | 0 | 0 | 0 | 0 |
| MEDIAN | 12750 | 12250 | 13750 | 0 | 0 | 0 | 0 | 0 | 0 |
| LOWER QUARTILE | 11150 | 10300 | 11150 | 0 | 0 | 0 | 0 | 0 | 0 |
| LOWER DECILE | 8950 | 9450 | 12250 | 0 | 0 | 0 | 0 | 0 | 0 |
| MEAN | 12900 | 12350 | 14850 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL NUMBER | 9 | 7 | 5 | 2 | 1 | 2 | 1 | 1 | 1 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 191

# BACHELOR OF TECHNOLOGY GRADUATES
# RAW DATA TABLES

## UTILITIES BACH

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 12600 | 13000 | 15000 | 14800 | 17350 | 17850 | 17900 | 17650 | 19050 |
| UPPER QUARTILE | 12000 | 12550 | 13900 | 14200 | 15650 | 17150 | 17500 | 15950 | 16650 |
| MEDIAN | 11700 | 11750 | 13000 | 12950 | 14150 | 14850 | 16250 | 15100 | 14300 |
| LOWER QUARTILE | 11300 | 11450 | 11750 | 12600 | 13200 | 13100 | 14350 | 14150 | 13650 |
| LOWER DECILE | 10700 | 9900 | 11900 | 12100 | 11300 | 11850 | 12350 | 11950 | 12650 |
| MEAN | 11650 | 11800 | 13000 | 13300 | 14300 | 14900 | 15750 | 15050 | 14900 |
| TOTAL NUMBER | 17 | 31 | 20 | 25 | 26 | 32 | 31 | 17 | 19 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 18250 | 18400 | 0 | | | 0 | 0 | | 0 |
| UPPER QUARTILE | 16950 | 16750 | 0 | 17900 | | 0 | 0 | 18500 | 0 |
| MEDIAN | 15650 | 16300 | 0 | 17250 | 20000 | 0 | 0 | 17500 | 0 |
| LOWER QUARTILE | 13650 | 13750 | 0 | 15250 | 16500 | 0 | 0 | 14400 | 0 |
| LOWER DECILE | 12250 | 13300 | 0 | 12750 | 17800 | 0 | 0 | 14150 | 0 |
| MEAN | 15350 | 15650 | 0 | 16750 | 18550 | 0 | 0 | 17100 | 0 |
| TOTAL NUMBER | 25 | 6 | 4 | 5 | 6 | 3 | 4 | 6 | 1 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 278

## ALL GOVT BACH

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 10400 | 17050 | 15850 | 13100 | 17250 | 17450 | 17700 | 13350 | |
| UPPER QUARTILE | 10200 | 15300 | 13530 | 11650 | 15100 | 15550 | 17300 | 13150 | 14650 |
| MEDIAN | 9530 | 10750 | 10250 | 10500 | 13650 | 12250 | 13250 | 12500 | 12650 |
| LOWER QUARTILE | | 9700 | 9250 | 8650 | 8950 | 8950 | 10400 | 11250 | 11900 |
| LOWER DECILE | | 9150 | 6800 | 7450 | 7600 | 7850 | 8800 | | 8550 |
| MEAN | 8600 | 12050 | 10800 | 11350 | 11500 | 12450 | 13500 | 11500 | 13300 |
| TOTAL NUMBER | 12 | 19 | 24 | 18 | 23 | 23 | 31 | 6 | 11 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 |
| NUMBERS UNDER $ 7000 | 5 | 1 | 4 | 3 | 1 | 1 | 1 | 1 | 1 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | | | | | | | | | |
| UPPER QUARTILE | 17750 | | | | | | | 18650 | |
| MEDIAN | 11650 | 14650 | 16000 | | | | | 15750 | 17000 |
| LOWER QUARTILE | 10650 | 12200 | 11250 | 14250 | 15250 | 15150 | 16350 | 13450 | 13000 |
| LOWER DECILE | 9750 | 13850 | 10100 | 12200 | 11950 | 13150 | 15000 | 9250 | 10300 |
| MEAN | 13730 | 15850 | 15900 | 17650 | 17850 | 18050 | 18300 | 15500 | 16150 |
| TOTAL NUMBER | 29 | 31 | 22 | 24 | 39 | 33 | 20 | 19 | 16 |
| NUMBERS OVER $20000 | 6 | 11 | 7 | 14 | 21 | 21 | 11 | 4 | 5 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 400

## EDUCATION BACH

| YEARS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 11650 | 10900 | 13950 | 16200 | 16700 | 17400 | 19000 | 16800 | 19650 |
| UPPER QUARTILE | 10650 | 10700 | 13400 | 14750 | 15600 | 15000 | 18000 | 15750 | 19150 |
| MEDIAN | 8450 | 10250 | 11650 | 12400 | 14650 | 12500 | 15000 | 15000 | 15500 |
| LOWER QUARTILE | 8200 | 8950 | 10650 | 11900 | 13550 | 10650 | 11800 | 11500 | 10400 |
| LOWER DECILE | 8100 | 7950 | 9100 | 9950 | 10150 | 8300 | 11000 | 10600 | 8350 |
| MEAN | 9250 | 9800 | 11800 | 13300 | 14100 | 12900 | 14850 | 13850 | 14850 |
| TOTAL NUMBER | 7 | 9 | 13 | 18 | 13 | 16 | 20 | 12 | 7 |
| NUMBERS OVER $20000 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| YEARS | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ |
|---|---|---|---|---|---|---|---|---|---|
| UPPER DECILE | 17800 | | 18750 | | | | 0 | | 16800 |
| UPPER QUARTILE | 17450 | 14750 | 18300 | | 18000 | 20000 | 0 | | 13000 |
| MEDIAN | 13250 | 13250 | 12950 | 14500 | 11750 | 14000 | 0 | 20000 | 12250 |
| LOWER QUARTILE | 10950 | 12250 | 12600 | 14650 | 10500 | 13000 | 0 | 13250 | 11250 |
| LOWER DECILE | 10550 | 8800 | 11050 | 11750 | 9400 | 11400 | 0 | 12400 | 9800 |
| MEAN | 14250 | 13900 | 14750 | 16800 | 13150 | 15550 | 0 | 16950 | 12650 |
| TOTAL NUMBER | 11 | 6 | 11 | 5 | 8 | 8 | 2 | 8 | 12 |
| NUMBERS OVER $20000 | 0 | 1 | 0 | 2 | 1 | 2 | 0 | 4 | 0 |
| NUMBERS UNDER $ 7000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

NUMBER OF TECHNICIANS COVERED - 186

# APPENDIX


115

# MATRIX TABLES
# ALL RESPONDENTS

## ALL RESPONDENTS GRAD

TABLE 1

| SAL* | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ | | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 25000 | 1 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 1 | 13 | 27 | 42 | 27 | 29 | 28 | 25 | 33 | 28 | 0 | 256 |
| 19000 | 1 | 0 | 2 | 3 | 0 | 1 | 1 | 4 | 4 | 12 | 21 | 25 | 18 | 23 | 32 | 23 | 24 | 28 | 0 | 288 |
| 18000 | 0 | 0 | 0 | 3 | 1 | 1 | 4 | 7 | 10 | 34 | 58 | 62 | 44 | 28 | 24 | 31 | 28 | 28 | 0 | 349 |
| 17000 | 1 | 1 | 3 | 2 | 11 | 11 | 14 | 22 | 31 | 92 | 89 | 66 | 66 | 58 | 59 | 45 | 38 | 37 | 0 | 627 |
| 16000 | 3 | 0 | 1 | 6 | 7 | 26 | 34 | 41 | 53 | 127 | 107 | 108 | 95 | 51 | 53 | 38 | 43 | 25 | 0 | 821 |
| 15000 | 9 | 4 | 4 | 16 | 25 | 41 | 73 | 71 | 76 | 159 | 151 | 142 | 105 | 65 | 79 | 66 | 51 | 59 | 0 | 1197 |
| 14500 | 9 | 1 | 3 | 7 | 17 | 23 | 33 | 32 | 44 | 98 | 71 | 53 | 54 | 45 | 39 | 38 | 37 | 29 | 0 | 610 |
| 14000 | 1 | 1 | 11 | 31 | 35 | 39 | 43 | 44 | 45 | 117 | 107 | 79 | 68 | 52 | 60 | 53 | 52 | 56 | 0 | 872 |
| 13500 | 7 | 17 | 28 | 39 | 39 | 59 | 59 | 54 | 72 | 142 | 123 | 92 | 86 | 79 | 66 | 58 | 67 | 115 | 0 | 1192 |
| 13000 | 2 | 14 | 21 | 59 | 58 | 57 | 69 | 58 | 66 | 176 | 118 | 98 | 88 | 67 | 64 | 58 | 76 | 77 | 0 | 1212 |
| 12500 | 7 | 19 | 59 | 103 | 57 | 61 | 61 | 66 | 69 | 165 | 121 | 92 | 97 | 85 | 78 | 57 | 89 | 76 | 0 | 1391 |
| 12000 | 3 | 35 | 64 | 78 | 65 | 60 | 72 | 64 | 78 | 192 | 149 | 110 | 87 | 92 | 65 | 88 | 106 | 113 | 0 | 1527 |
| 11500 | 9 | 42 | 64 | 47 | 62 | 62 | 61 | 64 | 82 | 204 | 114 | 123 | 100 | 74 | 67 | 64 | 97 | 115 | 0 | 1522 |
| 11000 | 6 | 48 | 76 | 83 | 66 | 71 | 86 | 92 | 102 | 208 | 131 | 78 | 58 | 65 | 62 | 28 | 51 | 93 | 0 | 1331 |
| 10500 | 4 | 47 | 76 | 90 | 75 | 77 | 61 | 86 | 87 | 172 | 124 | 61 | 62 | 58 | 45 | 27 | 46 | 62 | 0 | 1252 |
| 10000 | 6 | 48 | 91 | 44 | 58 | 68 | 95 | 99 | 84 | 117 | 78 | 34 | 45 | 27 | 25 | 17 | 48 | 47 | 0 | 1053 |
| 9500 | 28 | 101 | 113 | 92 | 94 | 94 | 86 | 84 | 61 | 110 | 49 | 27 | 37 | 27 | 21 | 16 | 33 | 24 | 0 | 1073 |
| 9000 | 37 | 105 | 109 | 84 | 89 | 56 | 56 | 58 | 51 | 73 | 31 | 25 | 19 | 3 | 14 | 19 | 22 | 28 | 0 | 888 |
| 8500 | 30 | 127 | 73 | 45 | 44 | 42 | 58 | 31 | 38 | 35 | 29 | 18 | 14 | 16 | 16 | 18 | 26 | 28 | 0 | 687 |
| 8000 | 57 | 64 | 52 | 25 | 31 | 41 | 24 | 12 | 13 | 22 | 13 | 17 | 9 | 7 | 8 | 8 | 10 | 8 | 0 | 421 |
| 7500 | 27 | 31 | 14 | 24 | 18 | 15 | 13 | 9 | 7 | 17 | 10 | 4 | 4 | 7 | 4 | 4 | 2 | 2 | 0 | 217 |
| 7000 | 12 | 9 | 12 | 12 | 6 | 8 | 1 | 8 | 9 | 5 | 2 | 0 | 0 | 3 | 4 | 0 | 2 | 5 | 0 | 93 |
| 6500 | 33 | 32 | 34 | 37 | 31 | 35 | 28 | 32 | 17 | 17 | 13 | 4 | 5 | 5 | 3 | 1 | 3 | 13 | 0 | 333 |
| TOTAL | 305 | 732 | 919 | 969 | 965 | 942 | 1016 | 1031 | 1074 | 2290 | 1798 | 1346 | 1101 | 970 | 893 | 745 | 981 | 1031 | 0 | 19894 |

*SALARY FIGURES IN THIS COLUMN ARE LOWER BOUNDARIES OF BRACKETS.

## ALL RESPONDENTS NONGRAD

TABLE 2

| SAL* | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ | | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 28500 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 6 | 11 | 37 | 55 | 78 | 75 | 77 | 112 | 168 | 0 | 621 |
| 19000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 7 | 15 | 58 | 72 | 94 | 104 | 139 | 143 | 129 | 0 | 763 |
| 18000 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 1 | 4 | 27 | 112 | 152 | 192 | 156 | 149 | 145 | 204 | 165 | 0 | 1297 |
| 17000 | 0 | 0 | 0 | 2 | 1 | 1 | 4 | 17 | 20 | 93 | 130 | 167 | 175 | 164 | 169 | 176 | 229 | 216 | 0 | 1568 |
| 16000 | 0 | 0 | 1 | 1 | 4 | 4 | 8 | 15 | 24 | 93 | 120 | 151 | 208 | 174 | 213 | 200 | 339 | 592 | 0 | 2151 |
| 15000 | 0 | 0 | 2 | 3 | 9 | 6 | 22 | 38 | 46 | 162 | 242 | 298 | 300 | 279 | 294 | 276 | 388 | 311 | 0 | 2666 |
| 14500 | 0 | 0 | 0 | 3 | 10 | 11 | 4 | 14 | 23 | 121 | 156 | 202 | 214 | 176 | 184 | 151 | 194 | 178 | 0 | 1627 |
| 14000 | 1 | 0 | 0 | 2 | 12 | 14 | 28 | 25 | 48 | 143 | 167 | 207 | 198 | 198 | 208 | 140 | 205 | 222 | 0 | 1836 |
| 13500 | 1 | 0 | 9 | 6 | 12 | 35 | 49 | 73 | 103 | 251 | 342 | 330 | 323 | 281 | 248 | 225 | 243 | 421 | 0 | 2943 |
| 13000 | 0 | 1 | 4 | 11 | 15 | 36 | 29 | 41 | 82 | 252 | 228 | 216 | 235 | 162 | 183 | 132 | 214 | 219 | 0 | 2062 |
| 12500 | 1 | 3 | 10 | 17 | 36 | 40 | 59 | 84 | 101 | 285 | 319 | 324 | 258 | 202 | 183 | 157 | 237 | 233 | 0 | 2557 |
| 12000 | 1 | 4 | 11 | 29 | 45 | 49 | 67 | 110 | 127 | 240 | 318 | 292 | 227 | 228 | 166 | 136 | 241 | 223 | 0 | 2603 |
| 11500 | 3 | 7 | 18 | 43 | 51 | 67 | 84 | 121 | 97 | 318 | 336 | 254 | 208 | 155 | 128 | 112 | 151 | 166 | 0 | 2311 |
| 11000 | 4 | 25 | 44 | 59 | 79 | 82 | 103 | 120 | 127 | 305 | 249 | 146 | 118 | 150 | 110 | 108 | 147 | 197 | 0 | 2285 |
| 10500 | 2 | 23 | 34 | 62 | 75 | 102 | 110 | 137 | 174 | 361 | 369 | 253 | 175 | 135 | 100 | 78 | 110 | 174 | 0 | 2495 |
| 10000 | 8 | 25 | 57 | 78 | 92 | 101 | 125 | 137 | 134 | 219 | 196 | 126 | 105 | 91 | 77 | 60 | 98 | 125 | 0 | 1840 |
| 9500 | 17 | 56 | 48 | 86 | 105 | 115 | 103 | 122 | 148 | 261 | 183 | 133 | 112 | 57 | 64 | 52 | 73 | 135 | 0 | 1940 |
| 9000 | 39 | 52 | 110 | 95 | 111 | 123 | 122 | 134 | 112 | 173 | 121 | 82 | 64 | 50 | 40 | 32 | 38 | 73 | 0 | 1971 |
| 8500 | 21 | 42 | 56 | 69 | 94 | 104 | 96 | 98 | 79 | 137 | 87 | 57 | 43 | 32 | 26 | 25 | 32 | 74 | 0 | 1184 |
| 8000 | 53 | 69 | 72 | 84 | 91 | 98 | 85 | 80 | 51 | 121 | 64 | 42 | 25 | 11 | 23 | 16 | 34 | 49 | 0 | 1067 |
| 7500 | 69 | 55 | 79 | 71 | 67 | 60 | 57 | 51 | 32 | 60 | 40 | 34 | 17 | 9 | 14 | 8 | 10 | 24 | 0 | 762 |
| 7000 | 76 | 45 | 77 | 56 | 49 | 54 | 34 | 14 | 24 | 23 | 21 | 12 | 7 | 14 | 14 | 7 | 11 | 21 | 0 | 554 |
| 6500 | 279 | 151 | 122 | 132 | 102 | 72 | 54 | 58 | 43 | 73 | 43 | 30 | 22 | 24 | 17 | 13 | 32 | 73 | 0 | 1342 |
| TOTAL | 563 | 567 | 785 | 914 | 1042 | 1156 | 1243 | 1496 | 1637 | 3451 | 3889 | 3638 | 3437 | 2924 | 2763 | 2465 | 3481 | 4190 | 0 | 40045 |

*SALARY FIGURES IN THIS COLUMN ARE LOWER BOUNDARIES OF BRACKETS.

## ALL RESPONDENTS EACH

TABLE 4

| SAL* | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9-11 | 12-14 | 15-17 | 18-20 | 21-23 | 24-26 | 27-29 | 30-34 | 35+ | | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 28500 | 0 | 1 | 0 | 1 | 0 | 1 | 3 | 4 | 5 | 32 | 28 | 28 | 39 | 44 | 35 | 21 | 20 | 19 | 0 | 281 |
| 19000 | 0 | 1 | 1 | 0 | 1 | 3 | 7 | 4 | 8 | 8 | 27 | 2 | 1 | 5 | 5 | 1 | 3 | 2 | 0 | 79 |
| 18000 | 0 | 1 | 0 | 1 | 2 | 2 | 6 | 3 | 8 | 28 | 6 | 12 | 2 | 5 | 3 | 2 | 3 | 5 | 0 | 89 |
| 17000 | 0 | 2 | 3 | 2 | 11 | 16 | 29 | 7 | 18 | 18 | 1 | 2 | 4 | 8 | 2 | 4 | 3 | 3 | 0 | 125 |
| 16000 | 0 | 0 | 2 | 7 | 7 | 11 | 7 | 7 | 5 | 9 | 4 | 11 | 3 | 3 | 6 | 4 | 4 | 3 | 0 | 93 |
| 15000 | 0 | 5 | 8 | 12 | 17 | 14 | 14 | 11 | 10 | 11 | 7 | 12 | 6 | 6 | 3 | 5 | 4 | 5 | 0 | 150 |
| 14500 | 1 | 1 | 6 | 15 | 5 | 6 | 11 | 8 | 3 | 4 | 4 | 3 | 3 | 1 | 6 | 0 | 2 | 1 | 0 | 80 |
| 14000 | 4 | 4 | 7 | 11 | 6 | 3 | 7 | 2 | 5 | 6 | 11 | 4 | 4 | 5 | 4 | 4 | 5 | 1 | 0 | 93 |
| 13500 | 6 | 6 | 15 | 9 | 12 | 8 | 5 | 8 | 6 | 6 | 9 | 6 | 1 | 6 | 2 | 2 | 2 | 2 | 0 | 103 |
| 13000 | 10 | 12 | 20 | 10 | 10 | 4 | 4 | 6 | 5 | 6 | 7 | 4 | 2 | 4 | 8 | 1 | 7 | 9 | 0 | 133 |
| 12500 | 6 | 14 | 18 | 11 | 9 | 10 | 7 | 5 | 12 | 17 | 7 | 8 | 3 | 5 | 4 | 3 | 4 | 6 | 0 | 149 |
| 12000 | 6 | 21 | 9 | 18 | 18 | 3 | 5 | 6 | 5 | 10 | 6 | 2 | 5 | 8 | 1 | 4 | 7 | 4 | 0 | 130 |
| 11500 | 14 | 21 | 12 | 12 | 17 | 15 | 11 | 8 | 9 | 20 | 5 | 1 | 4 | 7 | 5 | 6 | 4 | 4 | 0 | 175 |
| 11000 | 4 | 13 | 11 | 12 | 18 | 12 | 8 | 10 | 7 | 11 | 4 | 4 | 1 | 4 | 1 | 3 | 2 | 7 | 0 | 124 |
| 10500 | 7 | 21 | 20 | 16 | 18 | 19 | 12 | 10 | 1 | 13 | 7 | 4 | 4 | 5 | 5 | 1 | 3 | 4 | 0 | 162 |
| 10000 | 9 | 26 | 20 | 12 | 15 | 6 | 6 | 4 | 3 | 08 | 1 | 2 | 4 | 4 | 3 | 2 | 1 | 3 | 0 | 131 |
| 9500 | 4 | 18 | 12 | 13 | 8 | 9 | 8 | 4 | 3 | 9 | 4 | 1 | 1 | 1 | 2 | 1 | 3 | 4 | 0 | 105 |
| 9000 | 5 | 12 | 15 | 9 | 8 | 4 | 6 | 8 | 2 | 1 | 3 | 2 | 3 | 1 | 0 | 0 | 3 | 1 | 0 | 75 |
| 8500 | 1 | 8 | 11 | 3 | 5 | 2 | 3 | 6 | 3 | 2 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 42 |
| 8000 | 6 | 8 | 4 | 3 | 1 | 3 | 1 | 0 | 1 | 2 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 24 |
| 7500 | 3 | 5 | 5 | 2 | 4 | 5 | 2 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 31 |
| 7000 | 0 | 0 | 2 | 3 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 9 |
| 6500 | 5 | 1 | 4 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| TOTAL | 91 | 193 | 205 | 182 | 171 | 161 | 163 | 101 | 112 | 224 | 144 | 108 | 92 | 124 | 98 | 64 | 82 | 83 | 0 | 2398 |

*SALARY FIGURES IN THIS COLUMN ARE LOWER BOUNDARIES OF BRACKETS.

# LIST OF PARTICIPANTS

AEROSPACE
R ARO, Inc.
Avco Corporation, Lycoming Div.
Boeing Vertol Co.
Fairchild Industries, Space & Electronics Co.
Grumman Aerospace Company
Hayes International Corporation
R Hercules Inc.
Teledyne CAE

CHEMICALS
Allied Chemical Corporation
Ansul Company
Atlantic Richfield Hanford Company
Bacon Industries, Inc.
R Clorox Company, Technical Ctr.
Dart Industries
E. I. du Pont de Nemours & Company
E B Industries Inc.
Engelhard Minerals & Chemicals Corp.
FMC Corporation
R B. F. Goodrich
Goodyear Atomic Corporation
J. M. Huber Corporation
Johnson & Johnson
Mississippi Chemical Corporation
R Monsanto Research Corp.
Rohm & Haas Company
Story Chemical Corp.
Uniroyal Chemical
Stauffer Chemical Company
R U.S. Borax & Chemical Corporation

ELECTRICAL EQUIPMENT
Acme Electric Corporation
AMF, Electrical Products Development Div.
Automatic Switch Co.
Bodine Electric Co.
Boston Insulated Wire & Cable Co.
R ESB Inc.
FMC Corp., Power Control Div.
General Electric Co.
Heinemann Electric Co.
Ionics Inc.
P. R. Mallory & Co., Inc.
McGraw-Edison, Power Systems Div.
Milwaukee Electric Tool Co.
Ranco, Controls Div.
Sunbeam Appliance Co.
Western Electric Company
WABCO, Union Switch & Signal Div.

ELECTRONIC EQUIPMENT
American District Telegraph Co.
American Electronic Laboratories Inc.
American Sign & Indicator Corp.
Astrodata Inc.
Automatic Signal Co.
R Bell Telephone Laboratories
A Bendix Corporation, Bendix Avionics Div.
Bendix Corporation, Communications Div.
A Bendix Corporation, Instrument & Life Support Div.
R Bendix Corporation, Research Labs
A Bourns, CAI Div.
Cardion Electronics
Cognos Corp.
Collins Radio Group
R Commercial Data Systems
Communications Industries
Dale Electronics Inc.
Decision Data CPR Co.
Eagle Signal Co.
Fischer & Porter Co.
John Fluke Mfg. Company
Frequency Engineering Laboratories
Frequency Sources, Inc.
General Dynamics, Electronics Div.
R GTE Laboratories, Inc.
Harris Corporation, Electronic Systems Div.
Heath Co.
Infrared Industries
Instrumentation Laboratory, Inc.
R IRT Corporation
A Ithaco Inc.
E. F. Johnson Co.
Keithley Instruments Inc.
Key Tronic Corp.
A King Radio Corp.
Motorola Inc.
R North American Philips Corp., Philips Laboratories
R North Electric Co., Paul H. Henson Research Ctr.
Nuclear Data Inc.
PRD Electronics Inc.
RCA Corporation, Government & Commercial Systems
Revere Corporation of America
R F Communication Div.
R F Systems Inc.
Rockland Systems
Sciaky Bros. Inc.
R Scope Electronics Inc.
R Singer Company, Corporate R&D Labs
Sybron Corporation, Taylor Instrument PCD.
Texas Instruments Inc.
Threshold Technology Inc.
Victory Engineering Corp.
Warwick Electronics Inc.
A Westinghouse Electric Corp., D&E Ctr.
Wilcox Electric, Inc.

METALS, BASIC & MINING
R ASARCO, Incorporated
Cleveland-Cliffs Iron Company
R Colt Industries, Crucible Materials Research Ctr.
Foote Mineral Company
Hecla Mining Co.
Homestake Mining Co.
International Nickel Company, Inc.
National Lead Co. of Ohio
R N L Industries, Inc. Corporate R&D Dept.
St. Joe Mineral Corp.
Wheeling-Pittsburgh Steel Corporation
White Pine Copper Co.

MACHINERY
Artisan Industries Inc.
Barber-Colman Company
Borg-Warner Corp., York Div.
Buffalo Forge Co.
Colt Industries, Power Systems Div.
Cryogenic Technology Inc.
Deere & Company

Deister Concentrator Co., Inc.
Delavan Mfg. Co.
R Dymo Industries Inc.
Houdaille, Viking Div.
Hyster Company
Ingersoll-Rand
Intertherm Inc.
Joy Manufacturing Company
Moog Inc.
Pako Corporation
Trane Company
Vendo Company
Weber Marking Systerms, Inc.

METALS, FABRICATED
Acco, Chain Div.
Airtherm Mfg.
R American Can Company, R&D Ctr.
Amron Corp.
Anaconda Company, Wire/Cable Div.
R Babcock & Wilcox Company, Alliance Research Ctr.
R Babcock & Wilcox Company, Lynchburg Research Ctr.
Babcock & Wilcox Company, Power Generation Group
Brush Wellman, Inc.
Butler Manufacturing Company
Caldwell Mfg. Co.
CB/Southern
Colt Industries, Holley Carburetor Div.
Combustion Engineering, Inc.
DEC International, Dairy Equipment Co.
Dravo Corporation, (Metal Fabrication)
Electric Furnace Co.
FMC Corporation, Northern Ordnance Div.
Kelsey Hayes Co., French & Hecht Div.
Fruehauf Corp., Paceco
General Dynamics Co., Electric Boat Div.
W. L. Gore & Assoc., Inc.
Walter Kidde & Co., Belleville Div.
Lakeside Bridge & Steel Co.
Maryland Shipbuilding & Drydock Co.
Maytag Company
Midland-Ross Corporation, National Castings Div.
Modine Mfg. Co.
Norris Industries
Nutting Truck & Caster Co.
Pacific Scientific Company
Peterson Mfg. Co.
Phelps Dodge Magnet Wire Company, (2 Divs.)
Pittsburg Canfield Co.
Power Regulator Co.
Rapistan Incorporated
Reed Rolled Thread Die Co.
Rexnord, Inc.
Riley-Beaird, Inc.
Stewart-Warner Corp.
Welch Allyn, Inc.
Westinghouse Electric Corporation
Worcester Controls Corporation
Youngstown Sheet & Tube Co.

PAPER
Consolidated Papers, Inc.
Container Corporation of America
Conwed Corporation
Georgia-Pacific Corp., Woodland Div.
Gulf States Paper Corporation
Mead Corp., Chillicothe Div.
R Mead Corp., Dayton Div.
Nekoosa Edwards Paper Co., Inc.
Temple-Eastex Inc., Eastex Div.
R Weyerhaeuser Company

PETROLEUM
Amerada Hess Corporation
Cities Service Oil Company, Lake Charles Oper.
Cities Service Co.
Continental Oil Co., Wrenshall Refinery
Equity Oil Co.
R Institute of Gas Technology
Mobil Oil Corporation, Beaumont Refinery
Skelly Oil Company
R Standard Oil Co. (Indiana), Amoco Research Ctr.
Standard Oil of Ohio
Sun Oil Co.
Superior Oil Co.
Terra Resources, Inc.
Tesoro Petroleum Corp.
R UOP, Inc., Corporate Research
Witco Chemical Corporation, Kendall/Amalie Div.

MANUFACTURING, OTHER
Standard Brands, Clinton Corn Products
Corning Glass Works
Hiram Walker & Sons, Inc.
Kurz-Kasch Inc.
Lenox China, Inc.
Nabisco Inc.
Olga Company
Pellerin Milnor Corp.
Rogers Corp.
R J. P. Stevens & Co., Inc.

COMMUNICATIONS
R Comsat General Corporation
General Telephone Company
General Telephone Company of the Midwest
Indiana Bell Telephone Company
Lincoln Telephone Company

CONSTRUCTION
M. K. Eby Construction Company
Al Johnson Construction Co.
W. M. Lyles Co.
L. E. Myers Co., High Voltage Systems
Pendleton Construction Corp.
Prestressed Concrete Products Co., Inc.

CONSTRUCTION & DESIGN
Dravo Corporation, (Construction & Design)
Koppers Company, Inc.
Lummus Corp.
Arthur G. McKee & Company
Rust Engineering Company
Scientific Design Company

CONSULTANTS
Allen & Hoshall, Inc.
Austin, Tsutsumi & Associates, Inc.
Barge, Waggoner, Sumner & Cannon
Benedict, Bowman, Craig & Moos
Alfred Benesch & Co.
Black & Veatch
Buchart-Horn
Burgess & Niple, Limited
Burns & McDonnell Engineering Co.
Camp Dresser & McKee Inc.
Capitol Engineering Corporation
Caudill Rowlett Scott
CH2M Hill, Inc.
Conkey & Associates, Inc.
Homer L. Chastain & Associates
Clark Dietz & Associates
Computran Systems

LeRoy Crandall & Associates
Crandall Dry Dock Engineering
Crawford Murphy & Tilly Inc.
Daily & Associates, Engineers Inc.
Dames & Moore
E. D'Appolonia Consulting Engineers, Inc.
Day & Zimmermann, Inc.
Edwards & Kelcey, Inc., (2 Divs.)
Engineering Consultants
Ewing Engineering Co.
Eustis Engineering Co.
Fairbrother & Gunther, Inc.
Fenix & Scisson, Inc.
Friede & Goldman, Inc.
Fromherz Engineers, Inc.
Gannett Fleming Corddry & Carpenter
Gilbert Associates
Goodkind & O'Dea, Inc.
Greeley & Hansen
Greiner Engineering Sciences Inc.
Gwin Engineers Inc.
Hardesty & Hanover
Harza Engineering Co.
Havens & Emerson, Ltd.
Hayes Seay Mattern & Mattern
Hazelet & Erdal
Horner & Shifrin, Inc.
Howard Needles Tammen & Bergendoff, (All Divs.)
Hudson Engineering Corp.
Jenks & Adamson
Edward C. Jordan Co., Inc.
McClelland Engineers, Inc.
Henry, Meisenheimer & Gende, Inc.
Metcalf & Eddy, Inc.
Meuser, Rutledge, Wentworth & Johnston
Murphy Engineering
O'Brien & Gere Engineers Inc.
Oyster, Imus & Assoc. Inc.
Palmer Clark & Woerner Inc.
Perkins & Will Inc.
Post, Buckley, Schuh & Jernigan Inc.
E. S. Preston Associates, Inc.
John G. Reutter Assoc.
Richardson, Gordon & Associates
Ross, Saarinen, Bolton & Wilder, Inc.
Ruth & Going - Norton S. Curtis, Inc.
Severud-Perrone-Sturm-Bandel
Shaffer, Johnston, Lichtenwalter & Assoc., Inc.
Shannon & Wilson Inc.
Stanley Consultants, Inc.
Sverdrup & Parcel & Associates, Inc.
Synergo Company
Trygve Hoff & Associates
Ulteig Engineers Inc.
URS Forrest & Cotton
Van Zelm, Heywood & Shadford
C. R. Velzy Assoc. Inc.
Wallace Holland Kastler Schmitz & Co.
Warren & Van Praag, Inc.
H. V. Weeks, Inc.
C. E. Williams & Associates, Inc.

ENGINEERING SERVICES, OTHER

Dayton T. Brown, Inc.
Conserv Inc.
P Core Laboratories, Inc.
P Dresser Engineering Co.
R Factory Mutual Engineering
R GARD, Inc.
R Quest Research Corporation
Portland Cement Assoc.
Russell Film Laboratories, Inc.
P Schlumberger Well Services
Telcom, Inc.
Teledyne Materials Research
Transaction Technology, Inc.

RESEARCH & DEVELOPMENT

Battelle-Northwest
Calspan Corporation
ENSCO, Inc.
Georgia Institute of Technology (Engrg. Exper. Sta.)
Midwest Research Institute
Mitre Corporation
RE/SPEC Inc.
Sandia Laboratories (2 Divs.)
Southwest Research Institute
University of Dayton Research Institute

ELECTRIC UTILITIES

Alabama Power Company
American Electric Power Service Corp.
Anoka Electric Cooperative
Appalachian Power Company
Carolina Power & Light Co.
Central Lincoln People's Utility Dist.
Central Maine Power Company
Central Nebraska Public Power & Irrigation Dist.
Commonwealth Edison Company
Clay Electric Coop, Inc.
Cowlitz Public Utility Dist.
Dairyland Power Cooperative
Dayton Power & Light Company
Delmarva Power Co.
Detroit Edison Company
Duke Power Company
Duquesne Light Company
Electric Power Board of Chattanooga
Florida Power Corporation
Green Mountain Power Corp.
Idaho Power Company
Indiana Michigan Electric Co.
Iowa Electric Light & Power Company
Jackson County Rural Electric
Jersey Central Power & Light Company
Kansas City Power & Light Company
Maine Public Service Company
New Mexico Electric Service Company
Northeast Utilities Service Company
Northwest Electric
Pacific Power & Light Company
Pennsylvania Power & Light Company
Public Service Co. of New Hampshire
Public Service Co. of New Mexico
Savannah Electric & Power Co.
Southern Services, Inc.
Southwestern Electric Power Co.
Southwestern Public Service Company
Tampa Electric Company
Texas Electric Service Company
Washington Water Power Company
West Penn Power Company
Wisconsin Electric Power Company

ELECTRIC & GAS UTILITIES

Arkansas Power & Light Co.
Central Hudson Gas & Electric Corporation
Cincinnati Gas & Electric
Illinois Power Company
Iowa-Illinois Gas & Electric Company

Iowa Southern Utilities Co.
Kansas Gas & Electric Co.
Long Island Lighting Company
Louisville Gas & Electric Company
Montana Power Company
Public Service Company of Colorado
Public Service Electric & Gas Company
Rochester Gas & Electric Co.
Sierra Pacific Power Company
South Carolina Electric & Gas Company
Virginia Electric & Power Company

GAS UTILTIES & PIPELINES

P Bay State Gas Company
P Consolidated Gas Supply
P El Paso Natural Gas Company
P Panhandle Eastern Pipe Line Co.
P Portland Pipe Line Corporation
P Southern Union Gas Company
P Texas Gas Transmission Corp.
P Texas Eastern Transmission Co.
P United Gas Pipe Line Company

OTHER NON-MANUFACTURING

Chicago Rock Island & Pacific Railroad Co.
Missouri Pacific Railroads & Subsidiaries
Norfolk & Western Railway Company
United Airlines

FEDERAL GOVERMENT

R Argonne National Laboratory
Bonneville Power Administration
Federal Highway Administration
R Fermi National Accelerator Laboratory
Hill Air Force Base
Tennessee Valley Authority
US Army Aviation Systems Command
R USDA, Western Regional Research Ctr.
US Dept. of Army, Civilian Personnel Div.
US Dept. of the Interior, Bureau of Mines
US Public Health Service, Indian Health Service

STATE GOVERNMENT

State of Alabama, Highway Dept.
State of Arkansas, Highway Dept.
State of California, Off. of Arch. & Construct.
State of Louisiana, Dept. of Highways
State of Maine, Transportation Dept.
State of Massachusetts, Public Works Dept.
State of Mississippi, Dept. of Highways
State of Missouri, Dept. of Highways
State of Montana, Dept. of Highways
State of New Mexico, Highway Dept.
State of New York, Dept. of Transportation
State of South Carolina Highway Dept.
State of Utah, Dept. of Transportation
State of Virginia, Dept. of Highways & Tranport.
State of Wisconsin, Dept. of Transportation
State of Wyoming, Highway Dept.

LOCAL GOVERNMENT

Atlantic City Sewerage Co.
City of Akron
City of Akron, Public Utilties Bureau
City of Albuquerque, Public Works Dept.
City of Chesapeake, Dept. of Public Works
City of Cincinnati, Dept. of Public Works
City of Cincinnati, Div. of Air Pollution Control
City of Dallas
City of Dayton
City of Dayton, Dept. of Water
City of Flint
City of Fort Worth
City of Grand Rapids
City of Houston
City of Kansas City, Missouri
City of Milwaukee
City of Norfolk, Dept. of Utilities
City of Oklahoma City
City of Philadelphia
City of Portland, Water Works Bureau
City of Providence, Dept. of Public Works
City of Providence, Traffic Engrg. Dept.
City of St. Paul, Public Works Dept.
City of St. Paul, Water Utiltiy
City of San Francisco, Water Dept.
City of Seattle, Water Dept.
City of Syracuse
City of Virginia Beach
Connecticut Water Co.
County of Milwaukee, Public Works Dept.
County of San Diego, Public Works Agency
Dallas Water Utilities
Denver Board of Water Commissioners
East Baton Rouge Parish, Dept of Public Works
Grant County Public Utility Dist.
Lakeland, Dept. of Elec. & Water Utilities
Los Angeles County, Communications Dept.
Los Angeles County, Flood Control Dist.
Los Angeles County, Road Dept.
Metropolitan District, Connecticut
Milwaukee Water Works
North Jersey Dist., Water Supply Comm.
Port of Long Beach
San Diego Unified Port Dist.
Springfield Utility Board
Union County Park Commission

ENGINEERING COLLEGES - PHD

Air Force Institute of Technology
Arizona State University
Auburn University
Brigham Young University
Brown University
Clarkson College of Technology
Drexel University
Duke University
Georgia Institute of Technology
Institute of Paper Chemistry
Iowa State University
Louisiana State University
Marquette University
Massachusetts Institute of Technology
Michigan State University
Mississippi State University
Montana State University
New Mexico State University
Northwestern University
Ohio State University
Ohio University
Oklahoma State University
Oregon State University
Rensselaer Polytechnic Institute
Rutgers University
South Dakota School of Mines & Technology
South Dakota State University
SUNY Stony Brook
SUNY College of Ceramics at Alfred
Syracuse University
Texas Technological University
University of Alabama - Birmingham
University of Alabama - University


120

University of Arizona
University of Connecticut
University of Hawaii
University of Houston
University of Iowa
University of Kansas
University of Maryland
University of Michigan - Dearborn
University of Mississippi
University of Nevada - Reno
University of New Mexico
University of Notre Dame
University of Oklahoma
University of Rhode Island
University of Rochester
University of South Carolina
University of Texas - Arlington
University of Toledo
University of Vermont
University of Washington
University of Wisconsin - Madison
Utah State University
Virginia Polytechnic Institute
Washington State University
Wayne State University
West Virginia University
Wichita State University

ENGINEERING COLLEGE - NON-PHD

Boston University
Bradley University
Bucknell University
California State Polytechnic University
California State University - Los Angeles
California State University - Northridge
California State University - Sacramento
The Citadel
Cleveland State University
Florida Atlantic University
Florida Institute of Technology
Florida Technological University
Gannon College
Harvey Mudd College
Lafayette College
LeTourneau College
Lowell Technologcial Institute
Loyola Marymount University
McNeese State University
North Dakota State University
Northern Arizona State University
Norwich University
Oakland University
Parks College of St. Louis University
Portland State University
Pratt Institute
Rochester Institute of Technology
Seattle University
Southeastern Massachusetts University
Southern Illinois University - Carbondale
Southern Illinois University - Edwardsville
SUNY Maritime College
Swarthmore College
Trinity University
U.S. Coast Guard Academy
U.S. Naval Academy
University of Bridgeport
University of New Haven
University of North Carolina - Chapel Hill
University of the Pacific
University of Tennessee - Chattanooga
University of Texas - El Paso
University of Virginia - Charlottesville
University of Wisconsin - Milwaukee
Virginia Military Institute
Webb Institute of Naval Architecture
West Coast University
Western New England College
Youngstown State University

TECHNICAL SCHOOLS

Academy of Aeronautics
Arizona State University
Broome Community College
California Maritime Academy
Capitol Institute of Technology
Chattanooga State Technical & Community College
Colorado Technical College
DeVry Institute of Technology - Chicago
Florence-Darlington Technical College
Florissant Valley Community College
Hartford State Technical College
Hudson Valley Community College
Guilford Technical Institute
Kansas State College
Kansas Technical Institute
Lamar University
Michigan Technological University
Missouri Western State College
Mohawk Valley Community College
Murray State University
Nashville State Technical Institute
Northern Michigan University
Parkland College
Purdue University
Queensborough Community College
Ricks College
Southern Technical Institute
Southwest Minnesota State College
Spring Garden College
State Technical Institute at Memphis
SUNY A&T - Alfred
SUNY A&T - Canton
Technical Institute of Alamance
Temple University
University of Akron
University of Nebraska - Omaha
University of Nevada - Reno
University of Tennessee - Martin
Vermont Technical College
Washington Technical Institute
Wayne State University
Wentworth Institute
Western Kentucky University
Western Washington State College


121

# ENGINEERS JOINT COUNCIL

345 EAST 47TH STREET, NEW YORK, N. Y. 10017
(212) 752-6800


ENGINEERING MANPOWER COMMISSION

July, 1975

To Corporate Salary Administrators:

As an employer of technical personnel you are undoubtedly interested in obtaining nation-wide salary statistics. We therefore invite you to participate in our 1975 survey of the salaries of engineering technicians and technologists. This is a continuation of our biennial survey program started in 1969 and we want to make it as comprehensive and useful as possible.

We recognize that the job of an engineering technician varies from industry to industry, and our definition is therefore a general one. As a bench mark we use graduation from a two-year college-level curriculum (usually resulting in an associate degree or certificate) in some branch of engineering or industrial technology including engineering drafting. The attached questionnaire form is designed to facilitate reporting on this basis. Graduates of formal two-year technician education programs, who are working as technicians and have not been promoted to engineering or managerial positions, are to be reported in the first section of the form.

Technicians performing work that would normally require this education, but who do not have the formal academic qualifications, are to be reported in the second section.

The third section is for graduates of bachelor's degree programs in *engineering technology* or *industrial technology*. These programs are rather new and may not be familiar to some employers. Bachelor of technology graduates may be employed in a variety of capacities under different job titles, and we are interested in their salaries wherever they are employed. Please note that graduates of regular engineering programs are *not* intended to be included in this survey.

Participants in the survey will be sent a complimentary copy of the curves for their own industry group. We hope you will join our other survey participants in helping to make this survey a success.

Sincerely,

John D. Alden

John D. Alden
Executive Secretary
Engineering Manpower Commission

## HOW WE KEEP YOUR SALARY DATA CONFIDENTIAL

Outsiders can NOT gain access to your confidential salary data when you participate in the Engineering Manpower Commission surveys of engineers salaries. Why can't this happen with the EMC surveys? Because EMC is an independent "third party" with no vested interest in any particular employer's salary data. Our parent organization, Engineers Joint Council, is a non-profit federation of engineering societies, whose members are professionals. Since EJC cannot become involved in collective bargaining between a company and a union, neither side can claim a right to information in our hands.

We think this is important, because outside parties may legally obtain data you thought was confidential if you exchange salary data with other employers by mail or phone. If one of the participating companies is bargaining with a union, all of the survey information—including that identified with each company—may have to be furnished to the union.

**But we want to be absolutely sure.** Even though no respondent's confidence has ever been violated since our surveys were started in 1953, we are now eliminating all employer identification from the salary data forms. Once we have checked off receipt of a reply on our surveys list (necessary to avoid follow-up of employers who have already replied as well as to identify participants in each survey) no one will be able to tell what data came from what respondent. It's something we don't need in order to produce salary curves and we think participants will be glad of the assurance that no one else will be able to find it out from us.

(Please also complete other side)

# SALARIES OF ENGINEERING TECHNICIANS - 1975

A survey being conducted by the
**ENGINEERING MANPOWER COMMISSION**
**of Engineers Joint Council**

---

Please complete and return this form to:

ENGINEERING MANPOWER COMMISSION
345 East 47th Street
New York, N. Y. 10017

. . . as promptly as possible

**IN ORDER TO ASSURE COMPLETE CONFIDENTIALITY** of employers' returns, please observe the following new procedure:

**DO NOT** put your name and address on this part of the form, but fill in the information for questions 1-5 to enable correct classification of your reply.

**FILL OUT THE TEAR-OFF STRIP** on the right, giving the name of the reporting organization and the person to contact. **DO NOT DETACH** the strip, but return the entire completed form to EMC.

If we do not receive a name and address strip with your return, we will have to send you an unnecessary follow-up mailing. Unidentified returns will not be included in the survey results. For further information see the sheet entitled "EMC Policy Regarding Salary Survey Participants."

1. Product or service of organization (see back page for preferred categories): _____

2. Total number of employees in organization or unit covered by this report (approx): _____

3. Total number of engineering technicians employed in organization or unit: _____

4. Please indicate state in which these technicians are predominantly employed, for purposes of determining regional salary differences: _____

5. If any employed engineering technicians are NOT included in this report, please give such additional number and reason for omission:

Number: _____ Reason: _____

**ENGINEERS JOINT COUNCIL**

**MEMBER SOCIETIES**
AMERICAN ASSOCIATION OF COST ENGINEERS
AMERICAN INSTITUTE OF CHEMICAL ENGINEERS
AMERICAN INSTITUTE OF INDUSTRIAL ENGINEERS
AMERICAN INSTITUTE OF MINING, METALLURGICAL AND PETROLEUM ENGINEERS
AMERICAN INSTITUTE OF PLANT ENGINEERS
AMERICAN SOCIETY OF AGRICULTURAL ENGINEERS
AMERICAN SOCIETY OF CIVIL ENGINEERS
AMERICAN SOCIETY FOR ENGINEERING EDUCATION
AMERICAN SOCIETY OF MECHANICAL ENGINEERS
AMERICAN SOCIETY FOR METALS
AMERICAN SOCIETY FOR QUALITY CONTROL
INSTRUMENT SOCIETY OF AMERICA
NATIONAL INSTITUTE OF CERAMIC ENGINEERS
SOCIETY FOR EXPERIMENTAL STRESS ANALYSIS
SOCIETY OF FIRE PROTECTION ENGINEERS
SOCIETY OF MANUFACTURING ENGINEERS

**ASSOCIATE SOCIETIES**
AIR POLLUTION CONTROL ASSOCIATION
AMERICAN CONCRETE INSTITUTE
AMERICAN CONSULTING ENGINEERS COUNCIL
AMERICAN SOCIETY OF GAS ENGINEERS
AMERICAN SOCIETY FOR NON-DESTRUCTIVE TESTING
CLEVELAND ENGINEERING SOCIETY
DANVILLE ENGINEERS CLUB
ENGINEERING SOCIETIES OF NEW ENGLAND
HARTFORD ENGINEERS CLUB
INTERNATIONAL MATERIAL MANAGEMENT SOCIETY
INTERNATIONAL MATERIALS MANAGEMENT SOCIETY (NEW JERSEY CHAPTER)
LOS ANGELES COUNCIL OF ENGINEERS AND SCIENTISTS
LOUISIANA ENGINEERING SOCIETY
NATIONAL ASSOCIATION OF CORROSION ENGINEERS
SOCIETY OF ALLIED WEIGHT ENGINEERS
SOCIETY OF AMERICAN MILITARY ENGINEERS
SOCIETY FOR THE HISTORY OF TECHNOLOGY
SOCIETY OF PACKAGING AND HANDLING ENGINEERS
SOCIETY OF WOMEN ENGINEERS
STANDARDS ENGINEERING SOCIETY
WASHINGTON SOCIETY OF ENGINEERS
WESTERN SOCIETY OF ENGINEERS

ENGINEERS JOINT COUNCIL
345 East 47th St., New York, N.Y. 10017



123

# SALARIES OF ENGINEERING TECHNICIANS - 1975

IMPORTANT -- please read carefully before filling out form.

This form gives the distribution of employed engineering technicians as a function of salary bracket, years of experience as measured by age or years since graduation, and formal education received. Separate sections of the form are set aside for three different levels of education. Each individual is to be reported only in the section corresponding to the highest educational level achieved, in the column corresponding to his year of graduation. (See example on reverse.) If year of graduation cannot be ascertained, report by age. Be sure to indicate which method you used.

SALARY -- should include base salary before deductions, and any predictable supplementary payments such as cost of living differential, etc. Do not include unpredictable payments for overtime work, bonuses, etc.

ENGINEERING TECHNICIANS -- Technicians as defined for this survey perform work which requires the application of scientific and engineering principles and practical technology, and may include some functions customarily performed by engineers or scientists. Their responsibilities do not fit the definition of "professional" of the Fair Labor Standards Act but do require at least two years of full time technical education beyond high school or the equivalent in industrial training and experience. They may or may not work under the direction of engineers or scientists.

| | ANNUAL SALARY | ASSOCIATE DEGREE GRADUATES[1] Indicate whether by year of degree ____ or age ____. | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1975 (20) | 1974 (21) | 1973 (22) | 1972 (23) | 1971 (24) | 1970 (25) | 1969 (26) | 1968 (27) | 1967 (28) | 1964-1966 (29-31) | 1961-1963 (32-34) | 1958-1960 (35-37) | 1955-1957 (38-40) | 1952-1954 (41-43) | 1949-1951 (44-46) | 1946-1948 (47-49) | 1941-1945 (50-54) | up to 1940 (55+) | |
| 101 | $20,000 & over | | | | | | | | | | | | | | | | | | | 101 |
| 102 | $19,000-19,999 | | | | | | | | | | | | | | | | | | | 102 |
| 103 | $18,000-18,999 | | | | | | | | | | | | | | | | | | | 103 |
| 104 | $17,000-17,999 | | | | | | | | | | | | | | | | | | | 104 |
| 105 | $16,000-16,999 | | | | | | | | | | | | | | | | | | | 105 |
| 106 | $15,000-15,999 | | | | | | | | | | | | | | | | | | | 106 |
| 107 | $14,500-14,999 | | | | | | | | | | | | | | | | | | | 107 |
| 108 | $14,000-14,499 | | | | | | | | | | | | | | | | | | | 108 |
| 109 | $13,500-13,999 | | | | | | | | | | | | | | | | | | | 109 |
| 110 | $13,000-13,499 | | | | | | | | | | | | | | | | | | | 110 |
| 111 | $12,500-12,999 | | | | | | | | | | | | | | | | | | | 111 |
| 112 | $12,000-12,499 | | | | | | | | | | | | | | | | | | | 112 |
| 113 | $11,500-11,999 | | | | | | | | | | | | | | | | | | | 113 |
| 114 | $11,000-11,499 | | | | | | | | | | | | | | | | | | | 114 |
| 115 | $10,500-10,999 | | | | | | | | | | | | | | | | | | | 115 |
| 116 | $10,000-10,499 | | | | | | | | | | | | | | | | | | | 116 |
| 117 | $9,500-9,999 | | | | | | | | | | | | | | | | | | | 117 |
| 118 | $9,000-9,499 | | | | | | | | | | | | | | | | | | | 118 |
| 119 | $8,500-8,999 | | | | | | | | | | | | | | | | | | | 119 |
| 120 | $8,000-8,499 | | | | | | | | | | | | | | | | | | | 120 |
| 121 | $7,500-7,999 | | | | | | | | | | | | | | | | | | | 121 |
| 122 | $7,000-7,499 | | | | | | | | | | | | | | | | | | | 122 |
| 123 | Less than $7,000 | | | | | | | | | | | | | | | | | | | 123 |

| | ANNUAL SALARY | NON-GRADUATES[2] BY AGE | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | (20) | (21) | (22) | (23) | (24) | (25) | (26) | (27) | (28) | (29-31) | (32-34) | (35-37) | (38-40) | (41-43) | (44-46) | (47-49) | (50-54) | (55+) | |
| 201 | $20,000 & over | | | | | | | | | | | | | | | | | | | 201 |
| 202 | $19,000-19,999 | | | | | | | | | | | | | | | | | | | 202 |
| 203 | $18,000-18,999 | | | | | | | | | | | | | | | | | | | 203 |
| 204 | $17,000-17,999 | | | | | | | | | | | | | | | | | | | 204 |
| 205 | $16,000-16,999 | | | | | | | | | | | | | | | | | | | 205 |
| 206 | $15,000-15,999 | | | | | | | | | | | | | | | | | | | 206 |
| 207 | $14,500-14,999 | | | | | | | | | | | | | | | | | | | 207 |
| 208 | $14,000-14,499 | | | | | | | | | | | | | | | | | | | 208 |
| 209 | $13,500-13,999 | | | | | | | | | | | | | | | | | | | 209 |
| 210 | $13,000-13,499 | | | | | | | | | | | | | | | | | | | 210 |
| 211 | $12,500-12,999 | | | | | | | | | | | | | | | | | | | 211 |
| 212 | $12,000-12,499 | | | | | | | | | | | | | | | | | | | 212 |
| 213 | $11,500-11,999 | | | | | | | | | | | | | | | | | | | 213 |
| 214 | $11,000-11,499 | | | | | | | | | | | | | | | | | | | 214 |
| 215 | $10,500-10,999 | | | | | | | | | | | | | | | | | | | 215 |
| 216 | $10,000-10,499 | | | | | | | | | | | | | | | | | | | 216 |
| 217 | $9,500-9,999 | | | | | | | | | | | | | | | | | | | 217 |
| 218 | $9,000-9,499 | | | | | | | | | | | | | | | | | | | 218 |
| 219 | $8,500-8,999 | | | | | | | | | | | | | | | | | | | 219 |
| 220 | $8,000-8,499 | | | | | | | | | | | | | | | | | | | 220 |
| 221 | $7,500-7,999 | | | | | | | | | | | | | | | | | | | 221 |
| 222 | $7,000-7,499 | | | | | | | | | | | | | | | | | | | 222 |
| 223 | Less than $7,000 | | | | | | | | | | | | | | | | | | | 223 |

| | ANNUAL SALARY | BACHELORS OF TECHNOLOGY DEGREE GRADUATES[3] Indicate whether by year of degree ____ or age ____ | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1975 (22) | 1974 (23) | 1973 (24) | 1972 (25) | 1971 (26) | 1970 (27) | 1969 (28) | 1968 (29) | 1967 (30) | 1964-1966 (31-33) | 1961-1963 (34-36) | 1958-1960 (37-39) | 1955-1957 (40-42) | 1952-1954 (43-45) | 1949-1951 (46-48) | 1946-1948 (49-51) | 1941-1945 (52-56) | up to 1940 (57+) | |
| 301 | $20,000 & over | | | | | | | | | | | | | | | | | | | 301 |
| 302 | $19,000-19,999 | | | | | | | | | | | | | | | | | | | 302 |
| 303 | $18,000-18,999 | | | | | | | | | | | | | | | | | | | 303 |
| 304 | $17,000-17,999 | | | | | | | | | | | | | | | | | | | 304 |
| 305 | $16,000-16,999 | | | | | | | | | | | | | | | | | | | 305 |
| 306 | $15,000-15,999 | | | | | | | | | | | | | | | | | | | 306 |
| 307 | $14,500-14,999 | | | | | | | | | | | | | | | | | | | 307 |
| 308 | $14,000-14,499 | | | | | | | | | | | | | | | | | | | 308 |
| 309 | $13,500-13,999 | | | | | | | | | | | | | | | | | | | 309 |
| 310 | $13,000-13,499 | | | | | | | | | | | | | | | | | | | 310 |
| 311 | $12,500-12,999 | | | | | | | | | | | | | | | | | | | 311 |
| 312 | $12,000-12,499 | | | | | | | | | | | | | | | | | | | 312 |
| 313 | $11,500-11,999 | | | | | | | | | | | | | | | | | | | 313 |
| 314 | $11,000-11,499 | | | | | | | | | | | | | | | | | | | 314 |
| 315 | $10,500-10,999 | | | | | | | | | | | | | | | | | | | 315 |
| 316 | $10,000-10,499 | | | | | | | | | | | | | | | | | | | 316 |
| 317 | $9,500-9,999 | | | | | | | | | | | | | | | | | | | 317 |
| 318 | $9,000-9,499 | | | | | | | | | | | | | | | | | | | 318 |
| 319 | $8,500-8,999 | | | | | | | | | | | | | | | | | | | 319 |
| 320 | $8,000-8,499 | | | | | | | | | | | | | | | | | | | 320 |
| 321 | $7,500-7,999 | | | | | | | | | | | | | | | | | | | 321 |
| 322 | $7,000-7,499 | | | | | | | | | | | | | | | | | | | 322 |
| 323 | Less than $7,000 | | | | | | | | | | | | | | | | | | | 323 |

1. Technical institute education usually embraces a two year post high school program leading to an associate degree or certificate in some branch of engineering technology. Include graduates of technical programs in community colleges or other institutions.

2. Non-graduate engineering technicians are those who are qualified by training and experience to perform work that would normally require a two year technical institute education, but do not have a formal degree.

3. Four year programs leading to a bachelor's degree in engineering technology or industrial technology, but not an engineering degree.

## SURVEY CATEGORIES USUALLY REPORTED BY EMC

**Manufacturing**

Aerospace
Chemicals, drugs
Electrical machinery & equipment
Electronic equipment
Instruments (precision)
Machinery (other than electrical) and mechanical equipment
Metal products, fabricated
Metals, basic
Petroleum
Other manufactured products (specify)

**Non-Manufacturing**

Communication services
Construction
Engineering & architectural consultants
Engineering services, other
Mining
Research organizations & laboratories
Transportation services
Electric utilities
Gas utilities
Other non-manufacturing (specify)

**Government**

Federal
State
Local

**Educational Institutions**

Colleges and universities
Technical institutes & junior colleges
Note: Academic salaries should be reported on a 12-month basis and for the 1975-76 school year.

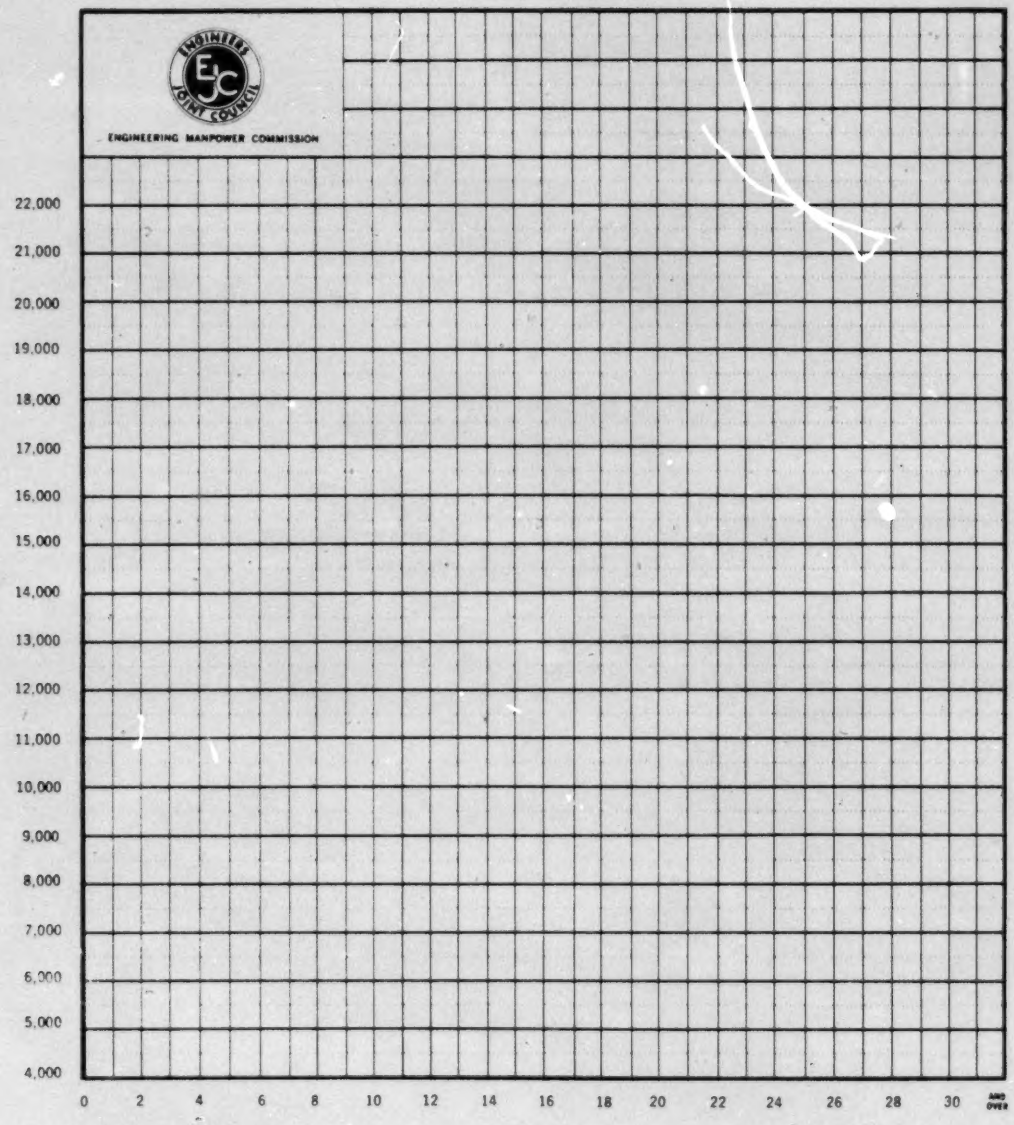
---

**Example of Completed form:**
Please report the number of individuals in each appropriate block as indicated below. Use numerals, not tick marks.

| | ANNUAL SALARY | ASSOCIATE DEGREE GRADUATES[1] Indicate whether by year of degree —— or age —— | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1975 (20) | 1974 (21) | 1973 (22) | 1972 (23) | 1971 (24) | 1970 (25) | 1969 (26) | 1968 (27) | 1967 (28) | 1964-1966 (29-31) | 1961-1963 (32-34) | 1958-1960 (35-37) | 1955-1957 (38-40) | 1 1 (4 |
| 101 | $20,000 & over | | | | | | | | | | | | | | |
| 102 | $19,000-19,999 | | | | | | | | | | | | | | |
| 103 | $18,000-18,999 | | | | | | | | | | | | | | |
| 104 | $17,000-17,999 | | | | | | | | | | | | | | |
| 105 | $16,000-16,999 | | | | | | | | | | | | | | |
| 106 | $15,000-15,999 | | | | | | | | | | | | | | |
| 107 | $14,500-14,999 | | | | | | | | | | | | | | |
| 108 | $14,000-14,499 | | | | | | | | | | | | | | |
| 109 | $13,500-13,999 | | | | | | | | | | | | | | |
| 110 | $13,000-13,499 | | | | | | | | | | | | | | |
| 111 | $12,500-12,999 | | | | | | | | | | | | | | |
| 112 | $12,000-12,499 | | | | | | | | | | | | | | |
| 113 | $11,500-11,999 | | | | | | | | | | | | | | |
| 114 | $11,000-11,499 | | | | | | | | | | | | | | |
| 115 | $10,500-10,999 | | | | | | | | | | | | | | |
| 116 | [illegible] | | | | | | | | | | | | | | |


125

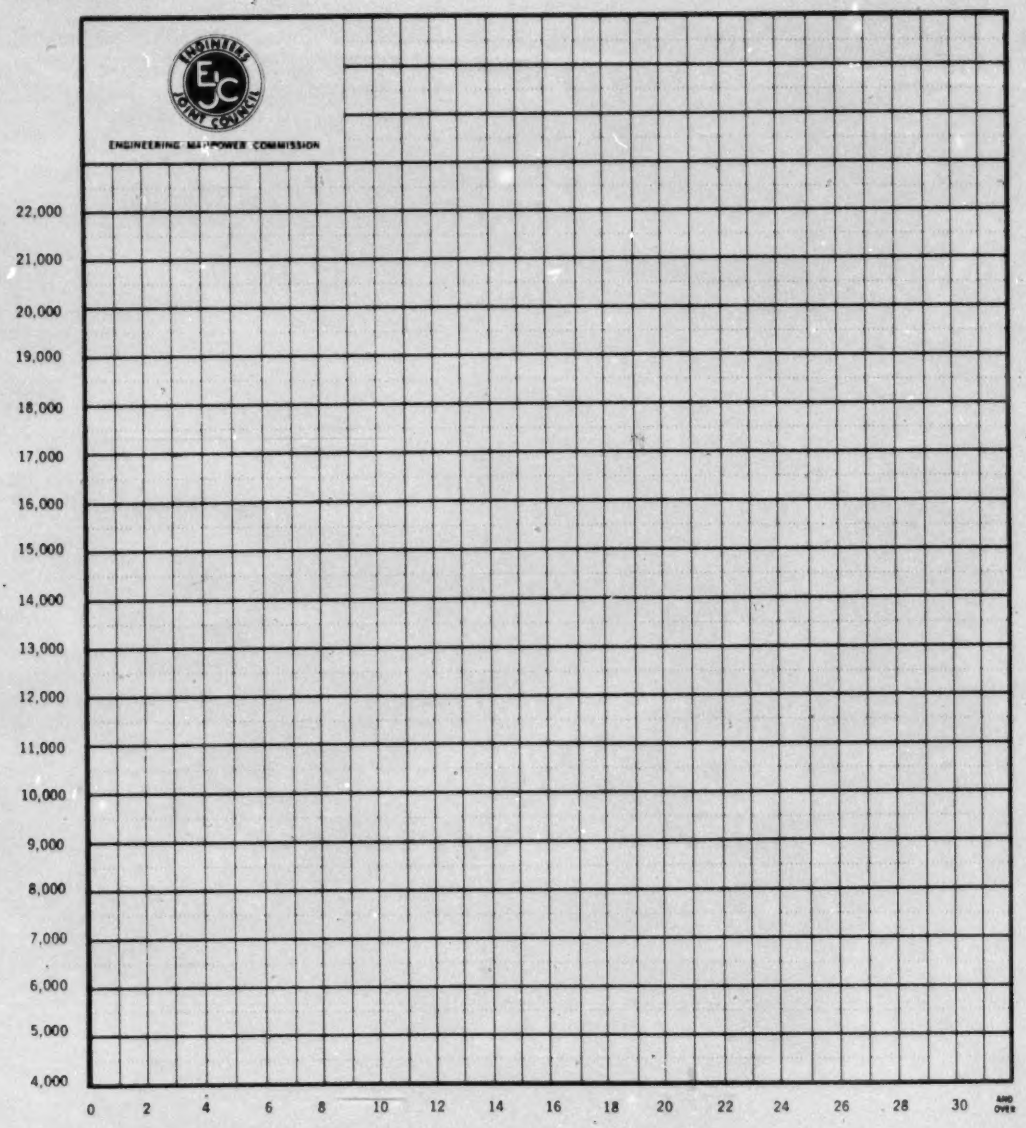
Annual Salary by Years
Since Baccalaureate Degree






126

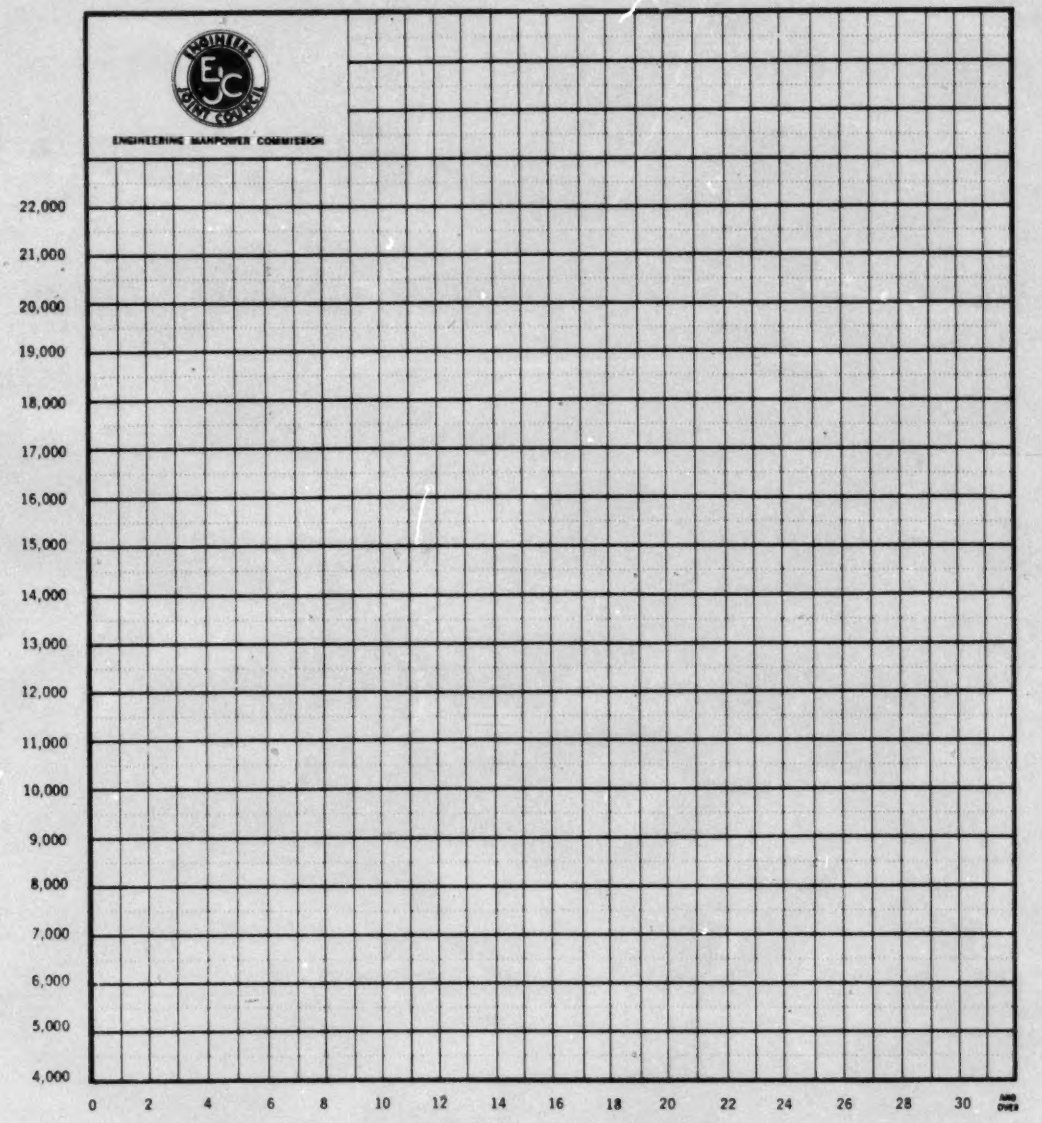
Annual Salary by Years
Since Baccalaureate Degree






127

Annual Salary by Years
Since Baccalaureate Degree



Membership of the
**ENGINEERS JOINT COUNCIL**

**MEMBER SOCIETIES**

| | |
|---|---|
| ASCE | American Society of Civil Engineers |
| AIME | American Institute of Mining, Metallurgical, and Petroleum Engineers |
| ASME | American Society of Mechanical Engineers |
| ASAE | American Society of Agricultural Engineers |
| SME | Society of Manufacturing Engineers |
| ISA | Instrument Society of America |
| ASQC | American Society for Quality Control |
| AIIE | American Institute of Industrial Engineers |
| SFPE | Society of Fire Protection Engineers |
| AIPE | American Institute of Plant Engineers |
| AACE | American Association of Cost Engineers |
| AIChE | American Institute of Chemical Engineers |
| NICE | National Institute of Ceramic Engineers |
| ASEE | American Society for Engineering Education |

**ASSOCIATE SOCIETIES**

| | |
|---|---|
| APCA | Air Pollution Control Association |
| ASNT | American Society for Nondestructive Testing |
| SPHE | Society of Packaging and Handling Engineers |
| IMMS | International Material Management Society |
| SWE | Society of Women Engineers |
| SHOT | Society for the History of Technology |
| WSE | Western Society of Engineers |
| LES | Louisiana Engineering Society |
| WSE-DC | Washington Society of Engineers |
| ESNE | Engineering Societies of New England |
| LACES | Los Angeles Council of Engineers and Scientists |
| HEC | Hartford Engineers Club |
| IMMS/NJ | International Material Management Society (New Jersey Chapter) |
| CES | Cleveland Engineering Society |
| SAME | Society of American Military Engineers |
| SAWE | Society of Allied Weight Engineers |
| ACI | American Concrete Institute |
| DEC | Danville Engineers Club |
| ACEC | American Consulting Engineers Council |
| NACE | National Association of Corrosion Engineers |
| ASGE | American Society of Gas Engineers |
| SES | Standards Engineers Society |
| SESA | Society for Experimental Stress Analysis |

304-75



Price: $60.00